In lists of perspective triangles and perspectors, [h, h-] mean directly and inversely homothetic triangles, respectively, and [s,s-] mean directly and inversely similar triangles, respectively.

Bankoff equilateral triangle:

Perspective triangles and perspectors:

(anti-Hutson intouch, 3), (anti-incircle-circles, 3), (6th anti-mixtilinear, 3), (Ara, 3), (Ascella, 3), (1st Brocard-reflected, 3), (1st Brocard, 3), (1st circumperp, 3), (2nd circumperp, 3), (Ehrmann-side, 3), (1st Ehrmann, 3), (2nd Euler, 3), (inner-Fermat, 3), (outer-Fermat, 3), (3rd Fermat-Dao[h], 35730), (7th Fermat-Dao[h], 35731), (11th Fermat-Dao[h], 35732), (15th Fermat-Dao[h], 35733), (3rd inner-Fermat-Dao-Nhi[h], 35734), (4th inner-Fermat-Dao-Nhi[h], 35735), (1st outer-Fermat-Dao-Nhi[h], 35736), (2nd outer-Fermat-Dao-Nhi[h], 35737), (Fuhrmann, 3), (2nd Fuhrmann, 3), (1st half-diamonds-central[h], 35738), (1st isodynamic-Dao[h], 35739), (3rd isodynamic-Dao[h], 35740), (Johnson, 3), (K798e, 3), (K798i, 3), (Kosnita, 3), (1st Lemoine-Dao[h], 1151), (McCay, 3), (medial, 3), (inner-Napoleon[s-], 3), (outer-Napoleon[h], 3), (1st Neuberg, 3), (2nd Neuberg, 3), (tangential, 3), (Trinh, 3), (inner-Vecten, 3), (outer-Vecten, 3)

Orthologic triangles and orthologic centers:

(ABC, 3, 13), (ABC-X3 reflections, 3, 5473), (anti-Aquila, 3, 11705), (anti-Ara, 3, 12142), (anti-Artzt, 35741, 12155), (1st anti-Brocard, 35742, 5979), (5th anti-Brocard, 3, 12205), (6th anti-Brocard, 35742, 12214), (2nd anti-circumperp-tangential, 3, 18974), (anti-Euler, 3, 6770), (anti-inner-Grebe, 3, 19073), (anti-outer-Grebe, 3, 19074), (anti-Mandart-incircle, 3, 12337), (anti-McCay, 35686, 8595), (3rd anti-tri-squares, 35743, 22601), (4th anti-tri-squares, 35744, 22630), (anticomplementary, 3, 616), (Aquila, 3, 9901), (Ara, 3, 9916), (Artzt, 35741, 9762), (1st Auriga, 3, 12472), (2nd Auriga, 3, 12473), (1st Brocard-reflected, 35745, 22687), (1st Brocard, 35742, 3643), (5th Brocard, 3, 9982), (6th Brocard, 35742, 9989), (2nd circumperp tangential, 3, 22773), (Ehrmann-mid, 3, 22796), (Euler, 3, 5478), (inner-Fermat, 35746, 616), (outer-Fermat, 35747, 13), (2nd Fermat-Dao, 35761, 25207), (3rd Fermat-Dao, 34551, 16267), (4th Fermat-Dao, 35748, 5469), (6th Fermat-Dao, 35761, 25152), (7th Fermat-Dao, 34551, 396), (8th Fermat-Dao, 35748, 115), (10th Fermat-Dao, 35761, 25153), (11th Fermat-Dao, 34551, 381), (12th Fermat-Dao, 35748, 25154), (14th Fermat-Dao, 35761, 25155), (15th Fermat-Dao, 34551, 13), (16th Fermat-Dao, 35748, 25156), (1st inner-Fermat-Dao-Nhi, 35748, 35749), (2nd inner-Fermat-Dao-Nhi, 35748, 35750), (3rd inner-Fermat-Dao-Nhi, 34551, 2), (4th inner-Fermat-Dao-Nhi, 34551, 2), (1st outer-Fermat-Dao-Nhi, 34551, 2), (2nd outer-Fermat-Dao-Nhi, 34551, 2), (3rd outer-Fermat-Dao-Nhi, 35748, 35751), (4th outer-Fermat-Dao-Nhi, 35748, 35752), (outer-Garcia, 3, 12781), (Gossard, 3, 12793), (inner-Grebe, 3, 6270), (outer-Grebe, 3, 6268), (1st half-diamonds-central, 34551, 2), (2nd half-diamonds-central, 35748, 5459), (1st half-diamonds, 35746, 13), (2nd half-diamonds, 35747, 618), (1st half-squares, 35744, 33440), (2nd half-squares, 35743, 33441), (1st isodynamic-Dao, 34551, 13), (2nd isodynamic-Dao, 35748, 22998), (3rd isodynamic-Dao, 34551, 13), (4th isodynamic-Dao, 35748, 31710), (Johnson, 3, 5617), (inner-Johnson, 3, 12922), (outer-Johnson, 3, 12932), (1st Johnson-Yff, 3, 12942), (2nd Johnson-Yff, 3, 12952), (1st Kenmotu-free-vertices, 3, 35753), (2nd Kenmotu-free-vertices, 3, 35754), (1st Lemoine-Dao, 34551, 10654), (2nd Lemoine-Dao, 35748, 13), (inner-Le Viet An, 35761, 14181), (Lucas homothetic, 3, 12990), (Lucas(-1) homothetic, 3, 12991), (Mandart-incircle, 3, 13076), (McCay, 35686, 13084), (medial, 3, 618), (5th mixtilinear, 3, 7975), (Moses-Steiner osculatory, 35686, 34509), (inner-Napoleon, 35748, 5463), (outer-Napoleon, 34551, 2), (1st Neuberg, 35755, 6582), (2nd Neuberg, 35756, 6298), (1st tri-squares-central, 35757, 13705), (2nd tri-squares-central, 35758, 13825), (3rd tri-squares-central, 3, 13917), (4th tri-squares-central, 3, 13982), (1st tri-squares, 35741, 13646), (2nd tri-squares, 35741, 13765), (3rd tri-squares, 35744, 13876), (4th tri-squares, 35743, 13929), (inner-Vecten, 35743, 6302), (outer-Vecten, 35744, 6306), (X3-ABC reflections, 3, 13103), (inner-Yff, 3, 10062), (outer-Yff, 3, 10078), (inner-Yff tangents, 3, 13105), (outer-Yff tangents, 3, 13107)

Parallelogic triangles and parallelogic centers:

(2nd Fermat-Dao, 35760, 25216), (4th Fermat-Dao, 35759, 16530), (6th Fermat-Dao, 35760, 25229), (8th Fermat-Dao, 35759, 9115), (10th Fermat-Dao, 35760, 25231), (12th Fermat-Dao, 35759, 5617), (14th Fermat-Dao, 35760, 25233), (16th Fermat-Dao, 35759, 25235), (1st inner-Fermat-Dao-Nhi, 35759, 35750), (2nd inner-Fermat-Dao-Nhi, 35759, 35749), (3rd outer-Fermat-Dao-Nhi, 35759, 35752), (4th outer-Fermat-Dao-Nhi, 35759, 35751), (2nd half-diamonds-central, 35759, 618), (2nd isodynamic-Dao, 35759, 23005), (4th isodynamic-Dao, 35759, 6782), (2nd Lemoine-Dao, 35759, 23006), (inner-Le Viet An, 35760, 14187), (inner-Napoleon, 35759, 13), (1st Parry, 3, 13305), (2nd Parry, 3, 9200)

Bevan antipodal triangle:

Perspective triangles and perspectors:

(ABC, 57), (ABC-X3 reflections, 3182), (anti-tangential-midarc, 1), (2nd circumperp, 1394), (3rd Conway, 1), (extouch, 34488), (3rd extouch[h], 223), (Garcia-reflection, 1), (2nd Hatzipolakis, 34489), (hexyl, 1), (Hutson intouch, 1), (incentral, 1419), (incircle-circles, 1), (intangents, 1), (intouch, 1), (Lemoine, 34490), (Macbeath, 34491), (medial, 223), (mixtilinear, 1697), (3rd mixtilinear, 1420), (4th mixtilinear, 8830), (6th mixtilinear, 1), (7th mixtilinear, 2124), (orthic, 34492), (2nd Pamfilos-Zhou, 34493), (2nd inner-Soddy, 34494), (2nd outer-Soddy, 34495), (Steiner, 34496), (symmedial, 34497), (Yff contact, 30719)

Orthologic triangles and orthologic centers:

(ABC, 1, 40), (ABC-X3 reflections, 1, 1), (anti-Aquila, 1, 3), (anti-Ara, 1, 1902), (5th anti-Brocard, 1, 12197), (2nd anti-circumperp-tangential, 1, 3057), (anti-Euler, 1, 6361), (anti-inner-Grebe, 1, 1703), (anti-outer-Grebe, 1, 1702), (anti-Mandart-incircle, 1, 10306), (anticomplementary, 1, 962), (Aquila, 1, 7991), (Ara, 1, 9911), (1st Auriga, 1, 12458), (2nd Auriga, 1, 12459), (5th Brocard, 1, 12497), (2nd circumperp tangential, 1, 22770), (Ehrmann-mid, 1, 22793), (Euler, 1, 10), (3rd extouch, 34498, 31965), (outer-Garcia, 1, 4), (Gossard, 1, 12696), (inner-Grebe, 1, 12697), (outer-Grebe, 1, 12698), (Johnson, 1, 12699), (inner-Johnson, 1, 12700), (outer-Johnson, 1, 5812), (1st Johnson-Yff, 1, 1836), (2nd Johnson-Yff, 1, 12701), (1st Kenmotu-free-vertices, 1, 35610), (2nd Kenmotu-free-vertices, 1, 35611), (Lucas homothetic, 1, 22841), (Lucas(-1) homothetic, 1, 22842), (Mandart-incircle, 1, 65), (medial, 1, 946), (5th mixtilinear, 1, 7982), (3rd tri-squares-central, 1, 13912), (4th tri-squares-central, 1, 13975), (X3-ABC reflections, 1, 12702), (inner-Yff, 1, 5119), (outer-Yff, 1, 46), (inner-Yff tangents, 1, 12703), (outer-Yff tangents, 1, 12704)

Parallelogic triangles and parallelogic centers:

(1st Parry, 1, 9811), (2nd Parry, 1, 9810)

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inverse-in-Conway triangle:

Perspective triangles and perspectors:

(ABC, 1), (Andromeda, 1), (anti-Aquila, 1), (Antlia, 1), (Aquila, 1), (Ascella[h], 35612), (Atik[h], 35613), (1st circumperp[h], 1764), (2nd circumperp[h], 1), (inner-Conway[h], 35614), (Conway[h], 5208), (2nd Conway[h], 10453), (3rd Conway[h], 10439), (4th Conway, 1), (5th Conway, 1), (3rd Euler[h], 10478), (4th Euler[h], 10479), (excenters-midpoints, 1), (excenters-reflections[h], 1), (excentral[h], 1), (2nd extouch[h], 10477), (Fuhrmann[s-], 35615), (outer-Garcia, 35616), (Garcia-reflection, 314), (hexyl[h], 10476), (Honsberger[h], 35617), (inner-Hutson[h], 35618), (Hutson intouch[h], 10480), (outer-Hutson[h], 35619), (incentral, 1), (incircle-circles[h], 35620), (intouch[h], 10473), (inverse-in-excircles, 1), (inverse-in-incircle[h], 1), (Malfatti, 1), (medial, 10472), (midarc, 1), (2nd midarc, 1), (mixtilinear, 1), (2nd mixtilinear, 1), (5th mixtilinear, 1), (6th mixtilinear[h], 35621), (2nd Pamfilos-Zhou[h], 35622), (1st Sharygin[h], 35623), (2nd inner-Soddy, 1), (2nd outer-Soddy, 1), (tangential-midarc[h], 35624), (2nd tangential-midarc[h], 35625), (Ursa-major[h], 35626), (Ursa-minor[h], 21334), (Wasat[h], 3741), (Yff central[h], 35627), (inner-Yff, 1), (outer-Yff, 1), (inner-Yff tangents, 1), (outer-Yff tangents, 1), (2nd Zaniah[h], 35628)

Orthologic triangles and orthologic centers:

(ABC, 10441, 1), (ABC-X3 reflections, 10441, 40), (Andromeda, 35629, 1), (anti-Aquila, 10441, 1), (anti-Ara, 10441, 1829), (5th anti-Brocard, 10441, 12194), (2nd anti-circumperp-tangential, 10441, 65), (anti-Euler, 10441, 944), (anti-inner-Grebe, 10441, 18992), (anti-outer-Grebe, 10441, 18991), (anti-Mandart-incircle, 10441, 3), (anticomplementary, 10441, 8), (Antlia, 35630, 1), (Aquila, 10441, 1), (Ara, 10441, 9798), (Ascella, 1, 942), (Atik, 1, 8), (1st Auriga, 10441, 55), (2nd Auriga, 10441, 55), (Ayme, 35631, 10), (5th Brocard, 10441, 9941), (2nd circumperp tangential, 10441, 3), (1st circumperp, 1, 40), (2nd circumperp, 1, 1), (inner-Conway, 1, 3869), (Conway, 1, 3868), (2nd Conway, 1, 8), (3rd Conway, 1, 12435), (4th Conway, 35632, 1), (5th Conway, 35633, 1), (Ehrmann-mid, 10441, 18480), (Euler, 10441, 946), (3rd Euler, 1, 946), (4th Euler, 1, 10), (excenters-midpoints, 35634, 1), (excenters-reflections, 1, 1), (excentral, 1, 1), (extouch, 35635, 72), (2nd extouch, 1, 72), (4th extouch, 12544, 65), (5th extouch, 10444, 65), (Fuhrmann, 35636, 8), (2nd Fuhrmann, 35637, 4), (inner-Garcia, 35638, 3869), (outer-Garcia, 10441, 8), (Garcia-reflection, 35634, 8), (Gossard, 10441, 12438), (inner-Grebe, 10441, 3641), (outer-

Grebe, 10441, 3640), (hexyl, 1, 40), (Honsberger, 1, 7672), (Hutson extouch, 35639, 3555), (inner-Hutson, 1, 9805), (Hutson intouch, 1, 3057), (outer-Hutson, 1, 9806), (incentral, 35631, 1), (incircle-circles, 1, 942), (intouch, 1, 65), (inverse-in-excircles, 35640, 1), (inverse-in-incircle, 1, 1), (Johnson, 10441, 355), (inner-Johnson, 10441, 355), (outer-Johnson, 10441, 355), (1st Johnson-Yff, 10441, 5252), (2nd Johnson-Yff, 10441, 1837), (K798e, 35637, 5), (K798i, 35636, 5690), (1st Kenmotu-free-vertices, 10441, 35641), (2nd Kenmotu-free-vertices, 10441, 35642), (Lucas homothetic, 10441, 12440), (Lucas(-1) homothetic, 10441, 12441), (Malfatti, X(483)X(35625) ∩ X(18256)X(35628), 1), (Mandart-excircles, 35643, 3555), (Mandart-incircle, 10441, 3057), (medial, 10441, 10), (midarc, 35644, 1), (2nd midarc, 35644, 1), (mixtilinear, 35645, 1), (2nd mixtilinear, 35645, 1), (5th mixtilinear, 10441, 1), (6th mixtilinear, 1, 7991), (2nd Pamfilos-Zhou, 1, 9808), (1st Schiffler, 35646, 21), (2nd Schiffler, 35634, 1320), (1st Sharygin, 1, 2292), (2nd inner-Soddy, 35647, 1), (2nd outer-Soddy, 35648, 1), (tangential-midarc, 1, 8093), (2nd tangential-midarc, 1, 8094), (3rd tri-squares-central, 10441, 8983), (4th tri-squares-central, 10441, 13971), (Ursa-major, 1, 10914), (Ursa-minor, 1, 3057), (Wasat, 1, 10), (X3-ABC reflections, 10441, 1482), (Yff central, 1, 12445), (inner-Yff, 10441, 1), (outer-Yff, 10441, 1), (inner-Yff tangents, 10441, 1), (outer-Yff tangents, 10441, 1), (1st Zaniah, 35635, 942), (2nd Zaniah, 1, 960)

Parallelogic triangles and parallelogic centers:

(Fuhrmann, 35649, 4), (K798i, 35649, 5), (1st Parry, 10441, 9810), (2nd Parry, 10441, 9811), (2nd Sharygin, 1, 2254)

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inverse-in-excircles triangle:

Perspective triangles and perspectors:

(ABC, 1), (Andromeda, 1), (anti-Aquila, 1), (anticomplementary, 8055), (Antlia, 1), (Aquila, 1), (2nd circumperp, 1), (4th Conway, 1), (5th Conway, 1), (excenters-midpoints, 1), (excenters-reflections, 1), (excentral, 1), (3rd extouch, 15498), (incentral, 1), (intouch, 1122), (inverse-in-Conway, 1), (inverse-in-incircle, 1), (Malfatti, 1), (medial, 3452), (midarc, 1), (2nd midarc, 1), (midheight, 35650), (mixtilinear, 1), (2nd mixtilinear, 1), (5th mixtilinear, 1), (7th mixtilinear, 35651), (2nd inner-Soddy, 1), (2nd outer-Soddy, 1), (inner-Yff, 1), (outer-Yff, 1), (inner-Yff tangents, 1), (outer-Yff tangents, 1)

Orthologic triangles and orthologic centers:

(anti-Artzt, 35652, 35653), (Artzt, 35652, 35654), (Ascella, 1, 35655), (Atik, 1, 35656), (1st circumperp, 1, 35657), (2nd circumperp, 1, 35658), (inner-Conway, 1, 35659), (Conway, 1, 35660), (2nd Conway, 1, 35661), (3rd Conway, 1, 35662), (3rd Euler, 1, 35663), (4th Euler, 1, 35664), (excenters-reflections, 1, 35665), (excentral, 1, 8915), (2nd extouch, 1, 35666), (hexyl, 1, 35667), (Honsberger, 1, 35668), (inner-Hutson, 1, 35897), (Hutson intouch, 1, 35669), (outer-Hutson, 1, 35898), (incircle-circles, 1, 35670), (intouch, 1, 35671), (inverse-in-Conway, 1, 35640), (inverse-in-incircle, 1, 35672), (6th mixtilinear, 1, 35673), (2nd Pamfilos-Zhou, 1, 35674), (1st Sharygin, 1, 35675), (tangential-midarc, 1, 35899), (2nd tangential-midarc, 1, 35900), (1st tri-squares, 35652, 35676), (2nd tri-squares, 35652, 35677), (Ursa-major, 1, 35678), (Ursa-minor, 1, 35679), (Wasat, 1, 35680), (Yff central, 1, 35681), (2nd Zaniah, 1, 35682)

Parallelogic triangles and parallelogic centers:

(2nd Sharygin, 1, 35683)

1st Kenmotu-free-vertices triangle:

Perspective triangles and perspectors:

(ABC[h], 372), (ABC-X3 reflections[h], 6200), (anti-Aquila[h], 35762), (anti-Ara[h], 35764), (5th anti-Brocard[h], 35766), (2nd anti-circumperp-tangential[h], 35768), (anti-Euler[h], 6560), (anti-inner-Grebe[h], 35770), (anti-outer-Grebe[h], 6419), (anti-Mandart-incircle[h], 35772), (anticomplementary[h], 485), (Aquila[h], 35774), (Ara[h], 35776), (1st Auriga[h], 35778), (2nd Auriga[h], 35780), (5th Brocard[h], 35782), (2nd circumperp tangential[h], 35784), (Ehrmann-mid[h], 35786), (Euler[h], 6565), (outer-Garcia[h], 35788), (Gossard[h], 35790), (inner-Grebe[h], 35792), (outer-Grebe[h], 35794), (Johnson[h], 6564), (inner-Johnson[h], 35796), (outer-

Johnson[h], 35798), (1st Johnson-Yff[h], 35800), (2nd Johnson-Yff[h], 35802), (2nd Kenmotu-free-vertices[h], 6), (1st Kenmotu diagonals, 12965), (Lucas homothetic[h], 35804), (Lucas 2nd secondary tangents, 372), (Lucas(-1) homothetic[h], 35806), (Lucas(-1) tangents, 372), (Mandart-incircle[h], 35808), (medial[h], 10576), (5th mixtilinear[h], 35810), (3rd tri-squares-central[h], 35812), (4th tri-squares-central[h], 35814), (X3-ABC reflections[h], 6), (inner-Yff[h], 35809), (outer-Yff[h], 35769), (inner-Yff tangents[h], 35816), (outer-Yff tangents[h], 35818)

Orthologic triangles and orthologic centers:

(ABC, 35820, 4), (ABC-X3 reflections, 35820, 20), (anti-Aquila, 35820, 946), (anti-Ara, 35820, 3575), (anti-Artzt, 35822, 2), (anti-Ascella, 371, 1593), (anti-Atik, 371, 18909), (1st anti-Brocard, 35824, 5999), (5th anti-Brocard, 35820, 12110), (6th anti-Brocard, 35824, 2456), (2nd anti-circumperp-tangential, 35820, 7354), (1st anti-circumperp, 371, 20), (anti-Conway, 371, 578), (2nd anti-Conway, 371, 389), (anti-Euler, 35820, 4), (3rd anti-Euler, 371, 12111), (4th anti-Euler, 371, 6241), (anti-excenters-reflections, 371, 4), (2nd anti-extouch, 371, 1181), (anti-inner-Grebe, 35820, 1588), (anti-outer-Grebe, 35820, 1587), (anti-Honsberger, 371, 182), (anti-Hutson intouch, 371, 3), (anti-incircle-circles, 371, 3), (anti-inverse-in-incircle, 371, 4), (anti-Mandart-incircle, 35820, 11500), (anti-McCay, 35698, 9855), (6th anti-mixtilinear, 371, 3), (anti-orthocentroidal, 35826, 12112), (1st anti-orthosymmedial, 35828, 19158), (1st anti-Sharygin, 371, 8884), (anti-tangential-midarc, 371, 1), (3rd anti-tri-squares, 35830, 486), (4th anti-tri-squares, 35832, 485), (anti-Ursa minor, 371, 5), (anti-Wasat, 371, 185), (antiAOA, 35834, 7574), (anticomplementary, 35820, 20), (AOA, 35834, 15122), (Aquila, 35820, 5691), (Ara, 35820, 3), (Aries, 35836, 9833), (Artzt, 35822, 2), (Ascella, 35641, 3), (Atik, 35641, 9856), (1st Auriga, 35820, 9834), (2nd Auriga, 35820, 9835), (Bankoff, 35753, 3), (Bevan antipodal, 35610, 1), (1st Brocard-reflected, 35838, 3), (1st Brocard, 35824, 3), (5th Brocard, 35820, 9873), (6th Brocard, 35824, 20), (circumorthic, 371, 4), (2nd circumperp tangential, 35820, 12114), (1st circumperp, 35641, 3), (2nd circumperp, 35641, 3), (inner-Conway, 35641, 8), (Conway, 35641, 20), (2nd Conway, 35641, 962), (3rd Conway, 35641, 1), (Ehrmann-mid, 35820, 5), (Ehrmann-side, 371, 3), (Ehrmann-vertex, 371, 4), (1st Ehrmann, 35840, 3), (2nd Ehrmann, 371, 576), (Euler, 35820, 4), (2nd Euler, 371, 3), (3rd Euler, 35641, 5), (4th Euler, 35641, 5), (excenters-midpoints, 35842, 10), (excenters-reflections, 35641, 7982), (excentral, 35641, 40), (1st excosine, 371, 1498), (extangents, 371, 40), (extouch, 35844, 40), (2nd extouch, 35641, 4), (3rd extouch, 35610, 4), (inner-Fermat, 35846, 3), (outer-Fermat, 35848, 3), (3rd Fermat-Dao, 35753, 13), (4th Fermat-Dao, 35850, 14), (7th Fermat-Dao, 35753, 13), (8th Fermat-Dao, 35850, 14), (11th Fermat-Dao, 35753, 4), (12th Fermat-Dao, 35850, 4), (15th Fermat-Dao, 35753, 19106), (16th Fermat-Dao, 35850, 19107), (1st inner-Fermat-Dao-Nhi, 35850, 15682), (2nd inner-Fermat-Dao-Nhi, 35850, 11001), (3rd inner-Fermat-Dao-Nhi, 35753, 3534), (4th inner-Fermat-Dao-Nhi, 35753, 3830), (1st outer-Fermat-Dao-Nhi, 35753, 15682), (2nd outer-Fermat-Dao-Nhi, 35753, 11001), (3rd outer-Fermat-Dao-Nhi, 35850, 3534), (4th outer-Fermat-Dao-Nhi, 35850, 3830), (Fuhrmann, 35852, 3), (2nd Fuhrmann, 35854, 3), (inner-Garcia, 35856, 40), (outer-Garcia, 35820, 40), (Garcia-reflection, 35842, 1), (Gossard, 35820, 12113), (inner-Grebe, 35820, 5871), (outer-Grebe, 35820, 5870), (1st half-diamonds-central, 35753, 5), (2nd half-diamonds-central, 35850, 5), (1st half-diamonds, 35846, 5), (2nd half-diamonds, 35848, 5), (1st half-squares, 35832, 4), (2nd half-squares, 35830, 4), (Hatzipolakis-Moses, 35858, 6146), (3rd Hatzipolakis, 35860, 12241), (hexyl, 35641, 1), (Honsberger, 35641, 390), (Hutson extouch, 35862, 40), (inner-Hutson, 35641, 9836), (Hutson intouch, 35641, 1), (outer-Hutson, 35641, 9837), (1st Hyacinth, 35834, 6102), (2nd Hyacinth, 35836, 6146), (incircle-circles, 35641, 1), (intangents, 371, 1), (intouch, 35641, 1), (inverse-in-Conway, 35641, 10441), (inverse-in-incircle, 35641, 942), (1st isodynamic-Dao, 35753, 15), (2nd isodynamic-Dao, 35850, 16), (3rd isodynamic-Dao, 35753, 5318), (4th isodynamic-Dao, 35850, 5321), (Johnson, 35820, 3), (inner-Johnson, 35820, 12114), (outer-Johnson, 35820, 11500), (1st Johnson-Yff, 35820, 55), (2nd Johnson-Yff, 35820, 56), (K798e, 35854, 3), (K798i, 35852, 3), (2nd Kenmotu-free-vertices, 35820, 35821), (1st Kenmotu diagonals, 371, 371), (2nd Kenmotu diagonals, 371, 372), (Kosnita, 371, 3), (1st Lemoine-Dao, 35753, 6), (2nd Lemoine-Dao, 35850, 6), (Lucas antipodal tangents, 371, 18980), (Lucas homothetic, 35820, 9838), (Lucas(-1) antipodal tangents, 371, 18981), (Lucas(-1) homothetic, 35820, 9839), (Mandart-incircle, 35820, 6284), (McCay, 35698, 3), (medial, 35820, 3), (midheight, 35864, 4), (5th mixtilinear, 35820, 944), (6th mixtilinear, 35641, 1), (Moses-Steiner osculatory, 35698, 4), (inner-Napoleon, 35850, 3), (outer-Napoleon, 35753, 3), (1st Neuberg, 35866, 3), (2nd Neuberg, 35868, 3), (orthic, 371, 4), (orthic axes, 3070, 4), (orthocentroidal, 35826, 4), (1st orthosymmedial, 35828, 4), (2nd Pamfilos-Zhou, 35641, 7596), (reflection, 12965, 4), (1st Schiffler, 35870, 79), (2nd Schiffler, 35842, 80), (1st Sharygin, 35641, 9840), (submedial, 371, 5), (tangential, 371, 3), (tangential-midarc, 35641, 8091), (2nd tangential-midarc, 35641, 8092), (inner tri-equilateral, 371, 15), (outer tri-equilateral, 371, 16), (1st tri-squares-central, 35872, 13665), (2nd tri-squares-central, 35874, 13785), (3rd tri-squares-central, 35820, 485), (4th tri-squares-central, 35820, 486), (1st tri-squares, 35822, 3068), (2nd tri-squares, 35822, 3069), (3rd tri-squares, 35832, 485), (4th tri-squares, 35830, 486), (Trinh, 371, 3), (Ursa-major, 35641, 12672), (Ursa-minor, 35641, 65), (inner-Vecten, 35830, 3), (outer-Vecten, 35832, 3), (Walsmith, 35876, 125), (Wasat, 35641, 946), (X3-ABC reflections, 35820, 382), (Yff central, 35641, 8351), (inner-Yff, 35820, 1478), (outer-Yff, 35820, 1479), (inner-Yff tangents, 35820, 12115), (outer-Yff tangents, 35820, 12116), (Yiu tangents, 3070, 550), (1st Zaniah, 35844, 946), (2nd Zaniah, 35641, 10)

Parallelogic triangles and parallelogic centers:

(1st anti-Brocard, 35878, 385), (6th anti-Brocard, 35878, 1691), (anti-orthocentroidal, 12375, 323), (1st anti-orthosymmedial, 35880, 10313), (1st Brocard, 35878, 6), (6th Brocard, 35878, 194), (inner-Garcia, 35882, 1), (orthocentroidal, 12375, 2), (1st orthosymmedial, 35880, 6), (1st Parry, 35820, 9131), (2nd Parry, 35820, 9979), (2nd Sharygin, 35641, 659)

2nd Kenmotu-free-vertices triangle:

Perspective triangles and perspectors:

(ABC[h], 371), (ABC-X3 reflections[h], 6396), (anti-Aquila[h], 35763), (anti-Ara[h], 35765), (5th anti-Brocard[h], 35767), (2nd anti-circumperp-tangential[h], 35769), (anti-Euler[h], 6561), (anti-inner-Grebe[h], 6420), (anti-outer-Grebe[h], 35771), (anti-Mandart-incircle[h], 35773), (anticomplementary[h], 486), (Aquila[h], 35775), (Ara[h], 35777), (1st Auriga[h], 35781), (2nd Auriga[h], 35779), (5th Brocard[h], 35783), (2nd circumperp tangential[h], 35785), (Ehrmann-mid[h], 35787), (Euler[h], 6564), (outer-Garcia[h], 35789), (Gossard[h], 35791), (inner-Grebe[h], 35795), (outer-Grebe[h], 35793), (Johnson[h], 6565), (inner-Johnson[h], 35797), (outer-Johnson[h], 35799), (1st Johnson-Yff[h], 35801), (2nd Johnson-Yff[h], 35803), (1st Kenmotu-free-vertices[h], 6), (2nd Kenmotu diagonals, 12971), (Lucas homothetic[h], 35807), (Lucas tangents, 371), (Lucas(-1) homothetic[h], 35805), (Lucas(-1) 2nd secondary tangents, 371), (Mandart-incircle[h], 35809), (medial[h], 10577), (5th mixtilinear[h], 35811), (3rd tri-squares-central[h], 35815), (4th tri-squares-central[h], 35813), (X3-ABC reflections[h], 6), (inner-Yff[h], 35808), (outer-Yff[h], 35768), (inner-Yff tangents[h], 35817), (outer-Yff tangents[h], 35819)

Orthologic triangles and orthologic centers:

(ABC, 35821, 4), (ABC-X3 reflections, 35821, 20), (anti-Aquila, 35821, 946), (anti-Ara, 35821, 3575), (anti-Artzt, 35823, 2), (anti-Ascella, 372, 1593), (anti-Atik, 372, 18909), (1st anti-Brocard, 35825, 5999), (5th anti-Brocard, 35821, 12110), (6th anti-Brocard, 35825, 2456), (2nd anti-circumperp-tangential, 35821, 7354), (1st anti-circumperp, 372, 20), (anti-Conway, 372, 578), (2nd anti-Conway, 372, 389), (anti-Euler, 35821, 4), (3rd anti-Euler, 372, 12111), (4th anti-Euler, 372, 6241), (anti-excenters-reflections, 372, 4), (2nd anti-extouch, 372, 1181), (anti-inner-Grebe, 35821, 1588), (anti-outer-Grebe, 35821, 1587), (anti-Honsberger, 372, 182), (anti-Hutson intouch, 372, 3), (anti-incircle-circles, 372, 3), (anti-inverse-in-incircle, 372, 4), (anti-Mandart-incircle, 35821, 11500), (anti-McCay, 35699, 9855), (6th anti-mixtilinear, 372, 3), (anti-orthocentroidal, 35827, 12112), (1st anti-orthosymmedial, 35829, 19158), (1st anti-Sharygin, 372, 8884), (anti-tangential-midarc, 372, 1), (3rd anti-tri-squares, 35833, 486), (4th anti-tri-squares, 35831, 485), (anti-Ursa minor, 372, 5), (anti-Wasat, 372, 185), (antiAOA, 35835, 7574), (anticomplementary, 35821, 20), (AOA, 35835, 15122), (Aquila, 35821, 5691), (Ara, 35821, 3), (Aries, 35837, 9833), (Artzt, 35823, 2), (Ascella, 35642, 3), (Atik, 35642, 9856), (1st Auriga, 35821, 9834), (2nd Auriga, 35821, 9835), (Bankoff, 35754, 3), (Bevan antipodal, 35611, 1), (1st Brocard-reflected, 35839, 3), (1st Brocard, 35825, 3), (5th Brocard, 35821, 9873), (6th Brocard, 35825, 20), (circumorthic, 372, 4), (2nd circumperp tangential, 35821, 12114), (1st circumperp, 35642, 3), (2nd circumperp, 35642, 3), (inner-Conway, 35642, 8), (Conway, 35642, 20), (2nd Conway, 35642, 962), (3rd Conway, 35642, 1), (Ehrmann-mid, 35821, 5), (Ehrmann-side, 372, 3), (Ehrmann-vertex, 372, 4), (1st Ehrmann, 35841, 3), (2nd Ehrmann, 372, 576), (Euler, 35821, 4), (2nd Euler, 372, 3), (3rd Euler, 35642, 5), (4th Euler, 35642, 5), (excenters-midpoints, 35843, 10), (excenters-reflections, 35642, 7982), (excentral, 35642, 40), (1st excosine, 372, 1498), (extangents, 372, 40), (extouch, 35845, 40), (2nd extouch, 35642, 4), (3rd extouch, 35611, 4), (inner-Fermat, 35849, 3), (outer-Fermat, 35847, 3), (3rd Fermat-Dao, 35754, 13), (4th Fermat-Dao, 35851, 14), (7th Fermat-Dao, 35754, 13), (8th Fermat-Dao, 35851, 14), (11th Fermat-Dao, 35754, 4), (12th Fermat-Dao, 35851, 4), (15th Fermat-Dao, 35754, 19106), (16th Fermat-Dao, 35851, 19107), (1st inner-Fermat-Dao-Nhi, 35851, 15682), (2nd inner-Fermat-Dao-Nhi, 35851, 11001), (3rd inner-Fermat-Dao-Nhi, 35754, 3534), (4th inner-Fermat-Dao-Nhi, 35754, 3830), (1st outer-Fermat-Dao-Nhi, 35754, 15682), (2nd outer-Fermat-Dao-Nhi, 35754, 11001), (3rd outer-Fermat-Dao-Nhi, 35851, 3534), (4th outer-Fermat-Dao-Nhi, 35851, 3830), (Fuhrmann, 35853, 3), (2nd Fuhrmann, 35855, 3), (inner-Garcia, 35857, 40), (outer-Garcia, 35821, 40), (Garcia-reflection, 35843, 1), (Gossard, 35821, 12113), (inner-Grebe, 35821, 5871), (outer-Grebe, 35821, 5870), (1st half-diamonds-central, 35754, 5), (2nd half-diamonds-central, 35851, 5), (1st half-diamonds, 35849, 5), (2nd half-diamonds, 35847, 5), (1st half-squares, 35831, 4), (2nd half-squares, 35833, 4), (Hatzipolakis-Moses, 35859, 6146), (3rd Hatzipolakis, 35861, 12241), (hexyl, 35642, 1), (Honsberger, 35642, 390), (Hutson extouch, 35863, 40), (inner-Hutson, 35642, 9836), (Hutson intouch, 35642, 1), (outer-Hutson, 35642, 9837), (1st Hyacinth, 35835, 6102), (2nd Hyacinth, 35837, 6146), (incircle-circles, 35642, 1), (intangents, 372, 1), (intouch, 35642, 1), (inverse-in-Conway, 35642, 10441), (inverse-in-incircle, 35642, 942), (1st isodynamic-Dao, 35754, 15), (2nd isodynamic-Dao, 35851, 16), (3rd isodynamic-Dao, 35754, 5318), (4th isodynamic-Dao, 35851, 5321), (Johnson, 35821, 3), (inner-Johnson, 35821, 12114), (outer-Johnson, 35821, 11500), (1st Johnson-Yff, 35821, 55), (2nd Johnson-Yff, 35821, 56), (K798e, 35855, 3), (K798i, 35853, 3), (1st Kenmotu-free-vertices, 35821, 35820), (1st Kenmotu diagonals, 372, 371), (2nd Kenmotu diagonals, 372, 372), (Kosnita, 372, 3), (1st Lemoine-Dao, 35754, 6), (2nd Lemoine-Dao, 35851, 6), (Lucas antipodal tangents, 372, 18980), (Lucas homothetic, 35821, 9838), (Lucas(-1) antipodal tangents, 372, 18981), (Lucas(-1) homothetic, 35821, 9839), (Mandart-incircle, 35821, 6284), (McCay, 35699, 3), (medial, 35821, 3), (midheight, 35865, 4), (5th mixtilinear, 35821, 944), (6th mixtilinear, 35642, 1), (Moses-Steiner osculatory, 35699, 4), (inner-Napoleon, 35851, 3), (outer-Napoleon, 35754, 3), (1st Neuberg, 35867, 3), (2nd Neuberg, 35869, 3), (orthic, 372, 4), (orthic axes, 3071, 4), (orthocentroidal, 35827, 4), (1st orthosymmedial, 35829, 4), (2nd Pamfilos-Zhou, 35642, 7596), (reflection, 12971, 4), (1st Schiffler, 35871, 79), (2nd Schiffler, 35843, 80), (1st Sharygin, 35642, 9840), (submedial, 372, 5), (tangential, 372, 3), (tangential-midarc, 35642, 8091), (2nd tangential-midarc, 35642, 8092), (inner tri-equilateral, 372, 15), (outer tri-equilateral, 372, 16), (1st tri-squares-central, 35873, 13665), (2nd tri-squares-central, 35875, 13785), (3rd tri-

squares-central, 35821, 485), (4th tri-squares-central, 35821, 486), (1st tri-squares, 35823, 3068), (2nd tri-squares, 35823, 3069), (3rd tri-squares, 35831, 485), (4th tri-squares, 35833, 486), (Trinh, 372, 3), (Ursa-major, 35642, 12672), (Ursa-minor, 35642, 65), (inner-Vecten, 35833, 3), (outer-Vecten, 35831, 3), (Walsmith, 35877, 125), (Wasat, 35642, 946), (X3-ABC reflections, 35821, 382), (Yff central, 35642, 8351), (inner-Yff, 35821, 1478), (outer-Yff, 35821, 1479), (inner-Yff tangents, 35821, 12115), (outer-Yff tangents, 35821, 12116), (Yiu tangents, 3071, 550), (1st Zaniah, 35845, 946), (2nd Zaniah, 35642, 10)

Parallelogic triangles and parallelogic centers:

(1st anti-Brocard, 35879, 385), (6th anti-Brocard, 35879, 1691), (anti-orthocentroidal, 12376, 323), (1st anti-orthosymmedial, 35881, 10313), (1st Brocard, 35879, 6), (6th Brocard, 35879, 194), (inner-Garcia, 35883, 1), (orthocentroidal, 12376, 2), (1st orthosymmedial, 35881, 6), (1st Parry, 35821, 9131), (2nd Parry, 35821, 9979), (2nd Sharygin, 35642, 659)

Moses-Steiner osculatory triangle:

Perspective triangles and perspectors:

(ABC, 4), (anti-Euler, 4), (anti-excenters-reflections, 4), (anti-inverse-in-incircle, 4), (anti-McCay^h, 33274), (circumorthic, 4), (Ehrmann-vertex, 4), (Euler, 4), (2nd extouch, 4), (3rd extouch, 4), (11th Fermat-Dao, 4), (12th Fermat-Dao, 4), (1st half-squares, 4), (2nd half-squares, 4), (McCay^h, 140), (midheight, 4), (orthic, 4), (orthic axes, 4), (orthocentroidal, 4), (1st orthosymmedial, 4), (reflection, 4)

Orthologic triangles and orthologic centers:

(ABC, 4, 671), (ABC-X3 reflections, 4, 12117), (anti-Aquila, 4, 12258), (anti-Ara, 4, 12132), (anti-Artzt, 34511, 99), (1st anti-Brocard, 3, 2), (5th anti-Brocard, 4, 12191), (6th anti-Brocard, 3, 5182), (2nd anti-circumperp-tangential, 4, 18969), (anti-Euler, 4, 12243), (anti-inner-Grebe, 4, 19057), (anti-outer-Grebe, 4, 19058), (anti-Mandart-incircle, 4, 12326), (anti-McCay, 34505, 8591), (3rd anti-tri-squares, 35684, 22562), (4th anti-tri-squares, 35685, 22563), (anticomplementary, 4, 8591), (Aquila, 4, 9875), (Ara, 4, 9876), (Artzt, 34511, 9877), (1st Auriga, 4, 12345), (2nd Auriga, 4, 12346), (Bankoff, 34509, 35686), (1st Brocard-reflected, 3095, 99), (1st Brocard, 3, 2), (2nd Brocard, 34507, 2), (5th Brocard, 4, 9878), (6th Brocard, 3, 7833), (2nd circumperp tangential, 4, 22565), (circumsymmedial, 35687, 99), (Ehrmann-mid, 4, 22566), (Euler, 4, 9880), (inner-Fermat, 35688, 22568), (outer-Fermat, 35689, 22570), (3rd Fermat-Dao, 34509, 22571), (4th Fermat-Dao, 34508, 22572), (7th Fermat-Dao, 34509, 22573), (8th Fermat-Dao, 34508, 22574), (11th Fermat-Dao, 34509, 22575), (12th Fermat-Dao, 34508, 22576), (15th Fermat-Dao, 34509, 22577), (16th Fermat-Dao, 34508, 22578), (1st inner-Fermat-Dao-Nhi, 34508, 35690), (2nd inner-Fermat-Dao-Nhi, 34508, 35691), (3rd inner-Fermat-Dao-Nhi, 34509, 35692), (4th inner-Fermat-Dao-Nhi, 34509, 35693), (1st outer-Fermat-Dao-Nhi, 34509, 35694), (2nd outer-Fermat-Dao-Nhi, 34509, 35695), (3rd outer-Fermat-Dao-Nhi, 34508, 35696), (4th outer-Fermat-Dao-Nhi, 34508, 35697), (outer-Garcia, 4, 9881), (Gossard, 4, 12347), (inner-Grebe, 4, 9882), (outer-Grebe, 4, 9883), (1st half-diamonds-central, 34509, 33476), (2nd half-diamonds-central, 34508, 33477), (1st half-diamonds, 35688, 33460), (2nd half-diamonds, 35689, 33461), (1st half-squares, 35685, 33432), (2nd half-squares, 35684, 33433), (1st isodynamic-Dao, 34509, 5464), (2nd isodynamic-Dao, 34508, 5463), (3rd isodynamic-Dao, 34509, 31695), (4th isodynamic-Dao, 34508, 31696), (Johnson, 4, 8724), (inner-Johnson, 4, 12348), (outer-Johnson, 4, 12349), (1st Johnson-Yff, 4, 12350), (2nd Johnson-Yff, 4, 12351), (1st Kenmotu-free-vertices, 4, 35698), (2nd Kenmotu-free-vertices, 4, 35699), (1st Lemoine-Dao, 34509, 22579), (2nd Lemoine-Dao, 34508, 22580), (Lucas homothetic, 4, 12352), (Lucas(-1) homothetic, 4, 12353), (Mandart-incircle, 4, 12354), (McCay, 34505, 7618), (medial, 4, 2482), (5th mixtilinear, 4, 9884), (Moses-Steiner reflection, 34514, 99), (inner-Napoleon, 34508, 9885), (outer-Napoleon, 34509, 9886), (1st Neuberg, 35700, 9888), (2nd Neuberg, 35701, 9890), (1st tri-squares-central, 35702, 13676), (2nd tri-squares-central, 35703, 13796), (3rd tri-squares-central, 4, 13908), (4th tri-squares-central, 4, 13968), (1st tri-squares, 34511, 13642), (2nd tri-squares, 34511, 13761), (3rd tri-squares, 35685, 13874), (4th tri-squares, 35684, 13927), (inner-Vecten, 35684, 9892), (outer-Vecten, 35685, 9894), (X3-ABC reflections, 4, 12355), (inner-Yff, 4, 10054), (outer-Yff, 4, 10070), (inner-Yff tangents, 4, 12356), (outer-Yff tangents, 4, 12357)

Parallelogic triangles and parallelogic centers:

(anti-Artzt, 20, 11161), (Artzt, 20, 98), (circumsymmedial, 35704, 98), (1st Parry, 4, 9485), (2nd Parry, 4, 5466), (1st tri-squares, 20, 13653), (2nd tri-squares, 20, 13773)

Moses-Steiner reflection triangle:

Perspective triangles and perspectors:

(anti-Artzt, 99), (1st anti-Brocard, 35705), (anti-inverse-in-incircle, 69), (anticomplementary, 69), (1st Brocard-reflected, 99), (circumsymmedial, 99)

Orthologic triangles and orthologic centers:

(anti-McCay, 99, 35706), (1st Ehrmann, 69, 35707), (McCay, 99, 34513), (Moses-Steiner osculatory, 99, 34514)

Parallelogic triangles and parallelogic centers:

None

orthic axes triangle:

Perspective triangles and perspectors:

(ABC, 4), (anti-Euler, 4), (4th anti-Euler, 35708), (anti-excenters-reflections, 4), (anti-inverse-in-incircle, 4), (anti-Wasat, 35709), (Artzt, 35710), (circumorthic, 4), (Ehrmann-vertex, 4), (Euler, 4), (5th Euler, 25), (2nd excosine, 35711), (2nd extouch, 4), (3rd extouch, 4), (11th Fermat-Dao, 4), (12th Fermat-Dao, 4), (15th Fermat-Dao, 35712), (16th Fermat-Dao, 35713), (1st half-squares, 4), (2nd half-squares, 4), (3rd isodynamic-Dao, 35714), (4th isodynamic-Dao, 35715), (midheight, 4), (Moses-Steiner osculatory, 4), (orthic, 4), (orthocentroidal, 4), (1st orthosymmedial, 4), (reflection, 4), (inner-squares, 6564), (outer-squares, 6565), (X3-ABC reflections, 35716), (Yiu tangents[h], 427)

Orthologic triangles and orthologic centers:

(ABC, 4, 5), (ABC-X3 reflections, 4, 550), (anti-Aquila, 4, 5901), (anti-Ara, 4, 6756), (5th anti-Brocard, 4, 32134), (2nd anti-circumperp-tangential, 4, 18990), (anti-Euler, 4, 3), (anti-inner-Grebe, 4, 19116), (anti-outer-Grebe, 4, 19117), (anti-Mandart-incircle, 4, 32141), (anticomplementary, 4, 3), (Aquila, 4, 355), (Ara, 4, 26), (1st Auriga, 4, 32146), (2nd Auriga, 4, 32147), (5th Brocard, 4, 32151), (2nd circumperp tangential, 4, 32153), (Ehrmann-mid, 4, 546), (Euler, 4, 546), (outer-Garcia, 4, 5690), (Gossard, 4, 32162), (inner-Grebe, 4, 5875), (outer-Grebe, 4, 5874), (Johnson, 4, 5), (inner-Johnson, 4, 10943), (outer-Johnson, 4, 10942), (1st Johnson-Yff, 4, 495), (2nd Johnson-Yff, 4, 496), (1st Kenmotu-free-vertices, 4, 3070), (2nd Kenmotu-free-vertices, 4, 3071), (Lucas homothetic, 4, 32177), (Lucas(-1) homothetic, 4, 32178), (Macbeath, 35717, 14978), (Mandart-incircle, 4, 15171), (medial, 4, 140), (5th mixtilinear, 4, 1483), (3rd tri-squares-central, 4, 13925), (4th tri-squares-central, 4, 13993), (X3-ABC reflections, 4, 4), (inner-Yff, 4, 495), (outer-Yff, 4, 496), (inner-Yff tangents, 4, 32213), (outer-Yff tangents, 4, 32214), (Yiu, 35718, 5), (Yiu tangents, 35719, 35720)

Parallelogic triangles and parallelogic centers:

(1st Parry, 4, 14610), (2nd Parry, 4, 32193)

Yiu tangents triangle:

Perspective triangles and perspectors:

(ABC-X3 reflections, 35721), (Artzt, 35722), (circummedial, 35723), (circumorthic, 35724), (inner-Fermat, 35725), (outer-Fermat, 35726), (orthic axes[h], 427), (reflection, 35727)

Orthologic triangles and orthologic centers:

(ABC, 550, 5), (ABC-X3 reflections, 550, 550), (anti-Aquila, 550, 5901), (anti-Ara, 550, 6756), (5th anti-Brocard, 550, 32134), (2nd anti-circumperp-tangential, 550, 18990), (anti-Euler, 550, 3), (anti-inner-Grebe, 550, 19116), (anti-outer-Grebe, 550, 19117), (anti-Mandart-incircle, 550, 32141), (anticomplementary, 550, 3), (Aquila, 550, 355), (Ara, 550, 26), (1st Auriga, 550, 32146), (2nd Auriga, 550, 32147), (5th Brocard, 550, 32151), (2nd circumperp tangential, 550, 32153), (Ehrmann-mid, 550, 546), (Euler, 550, 546), (outer-Garcia, 550, 5690), (Gossard, 550, 32162), (inner-Grebe, 550, 5875), (outer-Grebe, 550, 5874), (Johnson, 550, 5), (inner-Johnson, 550, 10943), (outer-Johnson, 550, 10942), (1st Johnson-Yff, 550, 495), (2nd Johnson-Yff, 550, 496), (1st Kenmotu-free-vertices, 550, 3070), (2nd Kenmotu-free-vertices, 550, 3071), (Lucas homothetic, 550, 32177), (Lucas(-1) homothetic, 550, 32178), (Macbeath, 35728, 14978), (Mandart-incircle, 550, 15171), (medial, 550, 140), (5th mixtilinear, 550, 1483), (orthic axes, 35720, 35719), (3rd tri-squares-central, 550, 13925), (4th tri-squares-central, 550, 13993), (X3-ABC reflections, 550, 4), (inner-Yff, 550, 495), (outer-Yff, 550, 496), (inner-Yff tangents, 550, 32213), (outer-Yff tangents, 550, 32214), (Yiu, 35729, 5)

Parallelogic triangles and parallelogic centers:

(1st Parry, 550, 14610), (2nd Parry, 550, 32193)