## **Automated Reasoning Tools in GeoGebra**

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Computing numerical checks of certain relations between geometric objects in a planar construction is a well known feature of dynamic geometry systems. GeoGebra's newest improvements offer symbolic checks of equality, parallelism, perpendicularity, collinearity, concurrency or concyclicity. Also dragging of locus curves, defined explicitly or implicitly (or as an envelope curve) is a new feature in GeoGebra to visually check conjectures in planar geometry. By combining plotting and proving we can focus on some new possibilities to teach Euclidean geometry in the classrooms.