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## **An alternative placement method for the geometry package**

*Thursday 17 September 2015 17:00 (15 minutes)*

Solid placement during the construction of simple to moderate geometries implies transformation matrices explicitly coded in the program. An alternative method is presented, which develops the idea of virtual connectors present on the surface and other geometric places of each body. Connectors are then snapped together and/or geometric relationships enforced between pairs/groups of solids, using commands and rules that refer to named points in the solids.

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