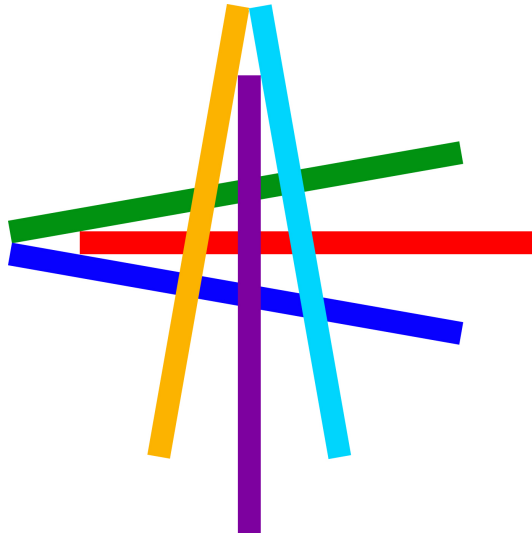


1091. *Proposed by Stanislav Molchanov, University of North Carolina Charlotte, Charlotte, NC.*

A regular tetrahedron can be built using six pencil-sized cylinders. When this is done, each of the cylinders touches exactly four of the other cylinders. Is it possible to position six pencil-shaped cylinders so that each one touches the other five?

Solution by Rex H. Wu, Brooklyn, NY.



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