Symmetric Tessellations on Euclidean Space-Forms

With best wishes to H.S.M. Coxeter for his 90th birthday.

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Abstract. It is shown here that, for $n \geq 2$, the $n$-torus is the only $n$-dimensional compact euclidean space-form which can admit a regular or chiral tessellation. Further, such a tessellation can only be chiral if $n = 2$. 

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