

ZMATH 2008c.00413

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SO(4) and S^3 . (SO(4) och S^3 .)

Normat 55, No. 3, 136-137, 144 (2007).

Summary: The 3-dimensional sphere can be thought of as a union of two solid tori glued along their boundaries. Those come from torus-fibrations, and this short note explores some elementary facts of how SO(4) operates on them with connections to Hopf fibrations and quaternionic multiplication.

Classification: H75