

**Finite Group Actions on Products of Spheres**  
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The study of finite group actions on products of spheres breaks up into two distinct aspects: Given a product of spheres  $M$ , (1) find group theoretic restrictions on finite groups that can act freely on  $M$ ; and (2) construct explicit free actions of finite groups on  $M$ . I will give a quick overview of the first aspect of this topic. Then I will discuss the second aspect and describe a recent construction that we have done with Ergün Yalçın using fusion systems.