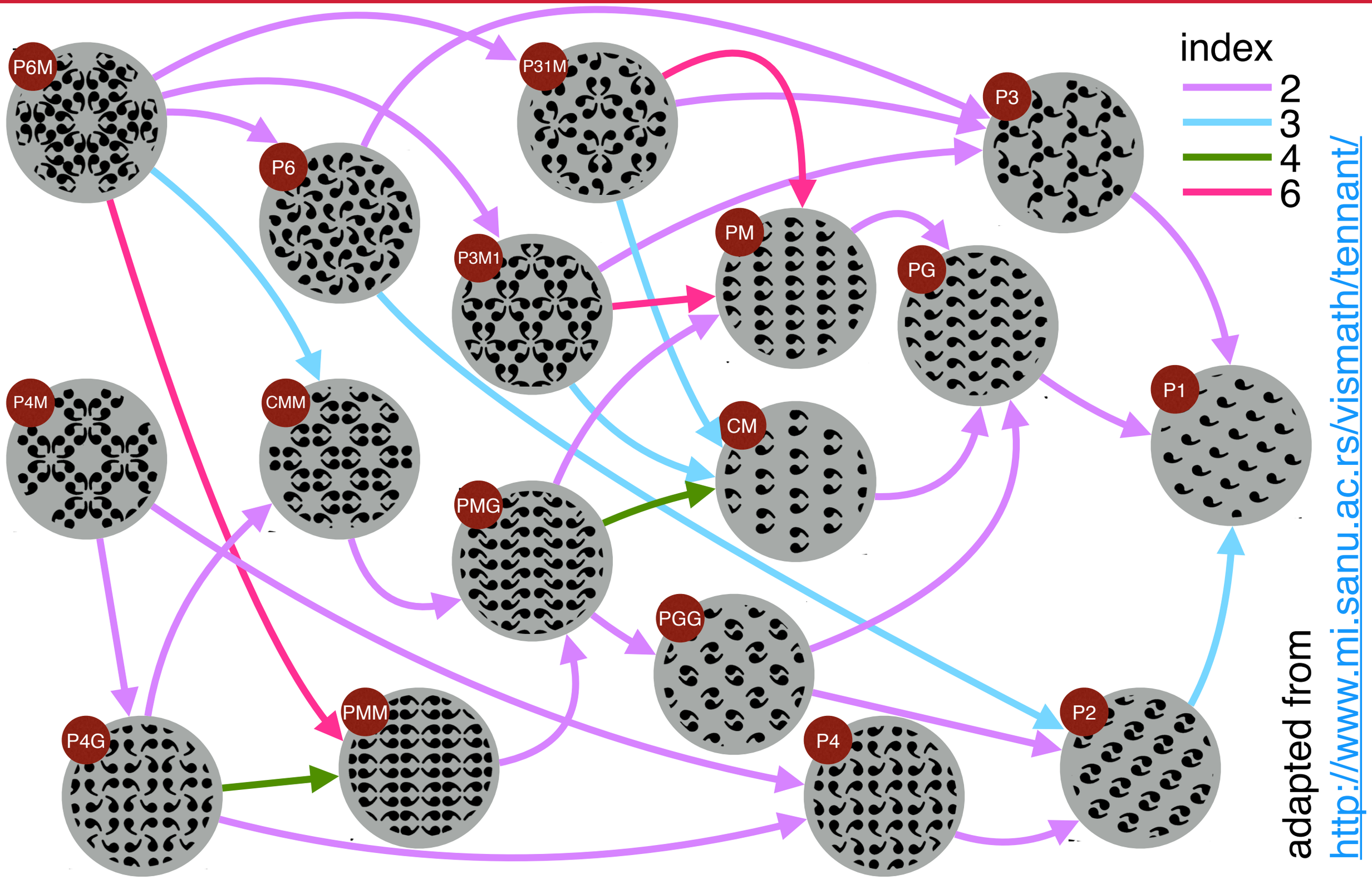Subgroup relations