

THE PRIME FACTORS OF A MODULAR CATEGORY

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Abstract: A modular fusion category is prime if it has no proper modular subcategories. Any modular fusion category can be written as the Deligne product of prime factors, but the factors are in general not unique. We report on a joint effort with Michael Müger to limit the nonuniqueness by describing how exactly the factors can vary between two factorizations of the same modular category.