## 6th Slow Extraction Workshop (SX 2025)



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## The "tunemod" lattice element for tune modulation studies

Tune modulation is dangerous to stability and clean operation when RF buckets and longitudinal motion are active. The "tunemod" lattice element enables the effectes of tune modulation to be evaluated, in the absence of other effects due to longitudinal motion, such as dispersion-dependent and parametric strength effects. Examples are presented.

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