

# Generating SUSY Mass Spectrum Generators

Cargese August 23th 2012

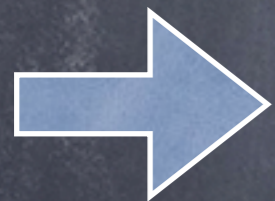
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# Motivation

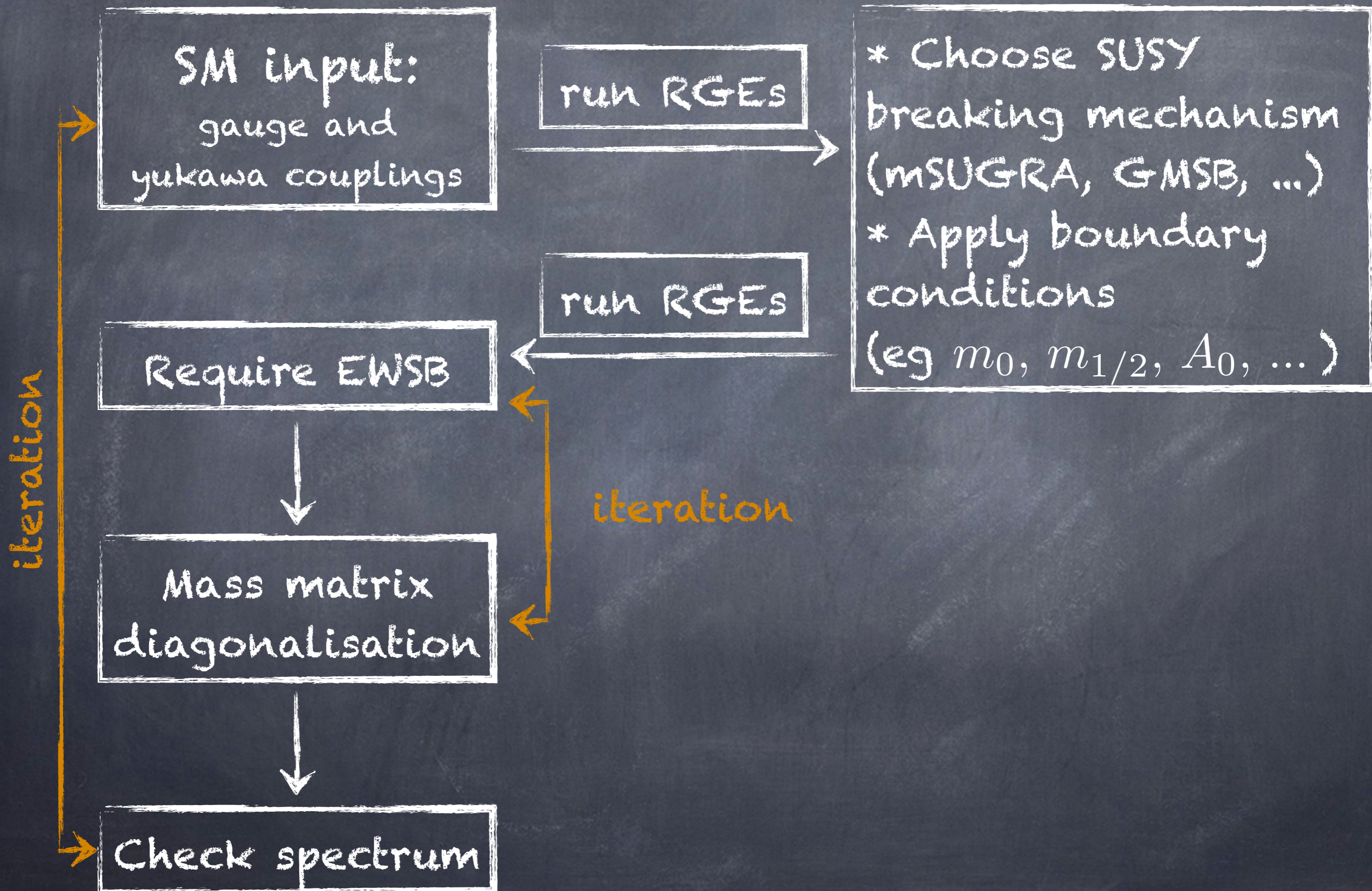
- Calculate the particle masses at the EW scale for any SUSY model



We would like to have a **general** code that creates a **mass spectrum generator** starting only from the Lagrangian



# Mass Spectrum Generation





Lagrangian

FeynRules

2-loop RGEs  
1-loop Scalar Potential  
and Mass Matrices

Numerical code

Mass Spectrum  
Generator