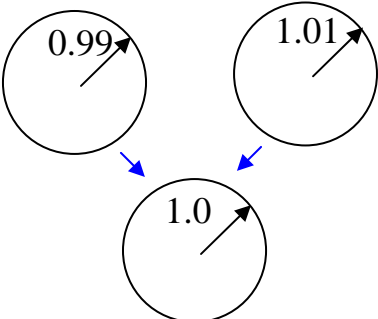


# What is the “Degenerate”?

Degenerate eigenvalues	Two different eigenvalues ( $\lambda_1 \neq \lambda_2$ )	The same $\lambda_1 \rightarrow \lambda_2$ ( $\lambda_1 = \lambda_2$ )
Degenerate boundary	Two different boundaries	The same ( $\Gamma^+ \rightarrow \Gamma^-$ )
Degenerate scale	Scale $a_n$ (normal)	Critical scale $a_n \rightarrow a_c$ 
Degenerate kernel (separable $U(s, x) = \sum a_i(x)b_i(s)$ )	Galerkin method (Double integrals) $\iint U(s, x)dB(s)dB(x)$	(Single integral) $\int_B a(s)dB(s) \int_B b(x)dB(x)$