

## 1 Wegner's Flow equations

Introduced by Wegner in 1994 (FE book ref 2). The flow equation:

$$\frac{dH(B)}{dB} = [\eta(B), H(B)] \quad (1)$$

with an antihermitian generator  $\eta(B)$ :

$$\eta(B) = -\eta(B) \quad (2)$$

Wegner's canonical generator is defined by:

$$\eta(B) \stackrel{\text{def}}{=} [H_0(B), H_{int}(B)] \quad (3)$$