

$$E \approx \sum_{i:~n \in \eta_D} h_i E_i + \sum_{i:~n \in \eta \setminus \eta_D} h_i E_i \qquad W \approx \sum_{i:~n \in \eta_D} h_i W_i + \sum_{i:~n \in \eta \setminus \eta_D} h_i W_i$$

$$a(\mathbf{W},\mathbf{E}) - m(\mathbf{W},\mathbf{E}) = -q(\mathbf{W})$$