$$\varphi^{(i)} \xrightarrow{\text{no converge?}} \varphi^{(i+1)} \leftarrow \text{minimizer L-BFGS-B}$$

$$\mathcal{F}[\varphi^{(i)}] = 0 \quad \text{add } \mathcal{F}_{\text{id}} \text{ to } \mathcal{F}$$

$$\frac{\delta \mathcal{F}[\varphi^{(i)}]}{\delta \varphi^{(i)}} = 0 \quad \text{add } \frac{\delta \mathcal{F}_{\text{id}}}{\delta \varphi^{(i)}} \text{ to } \frac{\delta \mathcal{F}}{\delta \varphi^{(i)}}$$