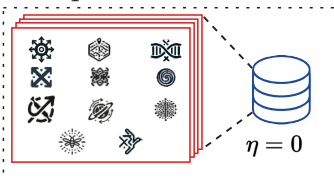


# Collection of Simple Heuristics



# Hyper-Heuristic

$$\Psi(\eta) = \{ (h_{o_1}^{\eta,k}, h_{o_2}^{\eta,k}) \mid [h_{o_1}^{\eta,k}, h_{o_2}^{\eta,k} \in \mathfrak{H}] (\forall o_1, o_2, o_1 \neq o_2) \}_{k=1}^4$$

Random Selection

$$\text{MH}_{\eta}^{(k)} = h_f \left( h_{o_2}^{(\eta,k)} \circ h_{o_1}^{(\eta,k)} \right) \circ h_i$$

Build a MH

Evaluate Performance

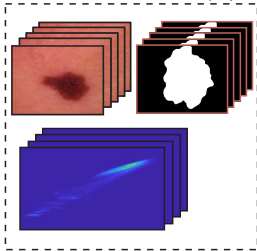
Greedy Selection

Check Stopping Criteria

Output

$\text{MH}_*$

Problem  $\mathfrak{X}, f(\vec{x})$



$\eta++$

No

Yes

