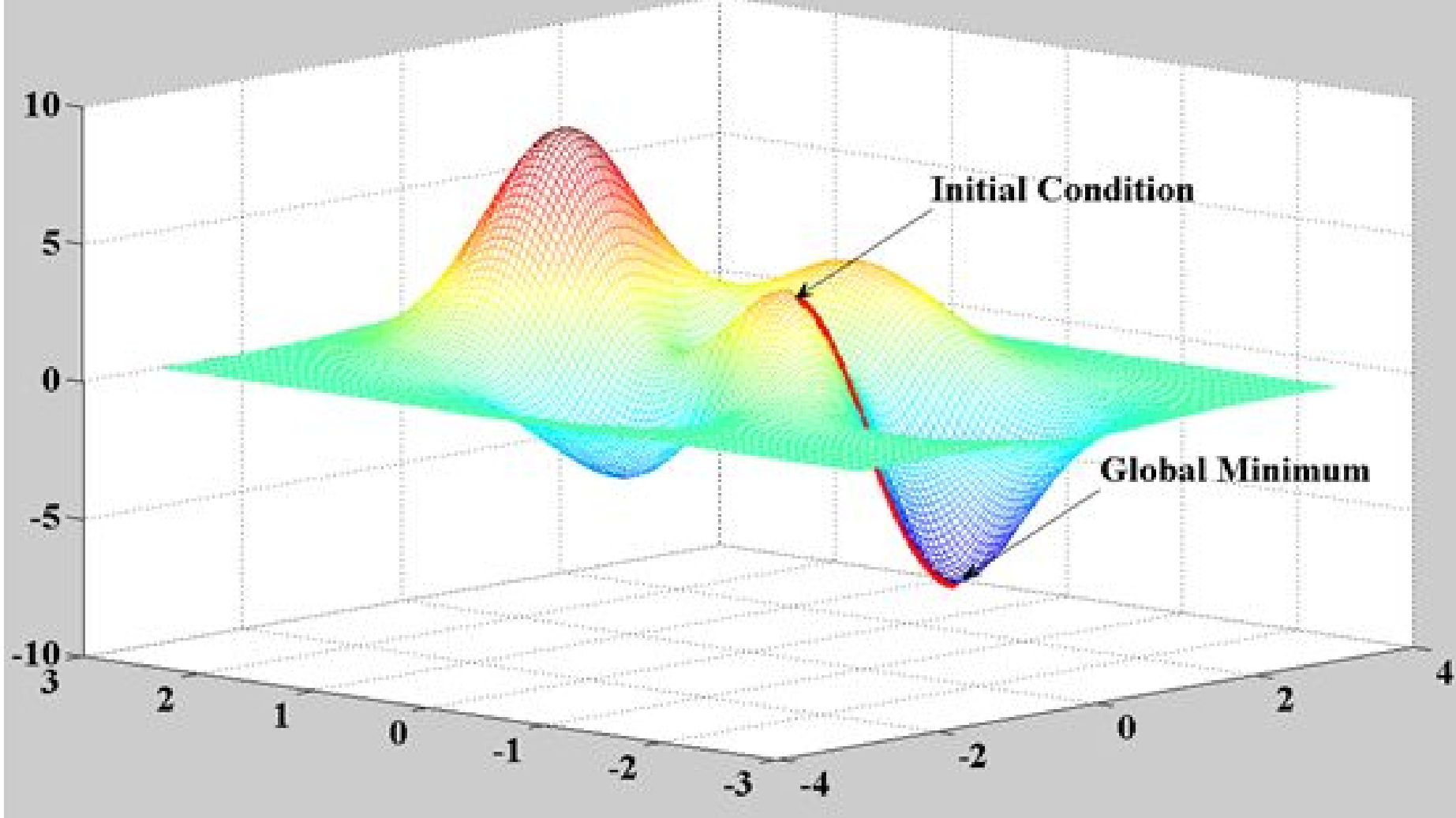

Stochastic Gradient Descent on Naiad



Stochastic Gradient Descent

$$w := w - \eta \nabla Q(w) = w - \eta \sum_{i=1}^n \nabla Q_i(w),$$

$$\mathcal{L}(\theta; \mathcal{D}) = \sum_{i=1}^{|\mathcal{D}|} \mathcal{L}(\theta; \mathcal{D}_i)$$

Naiad

→ Timely dataflow

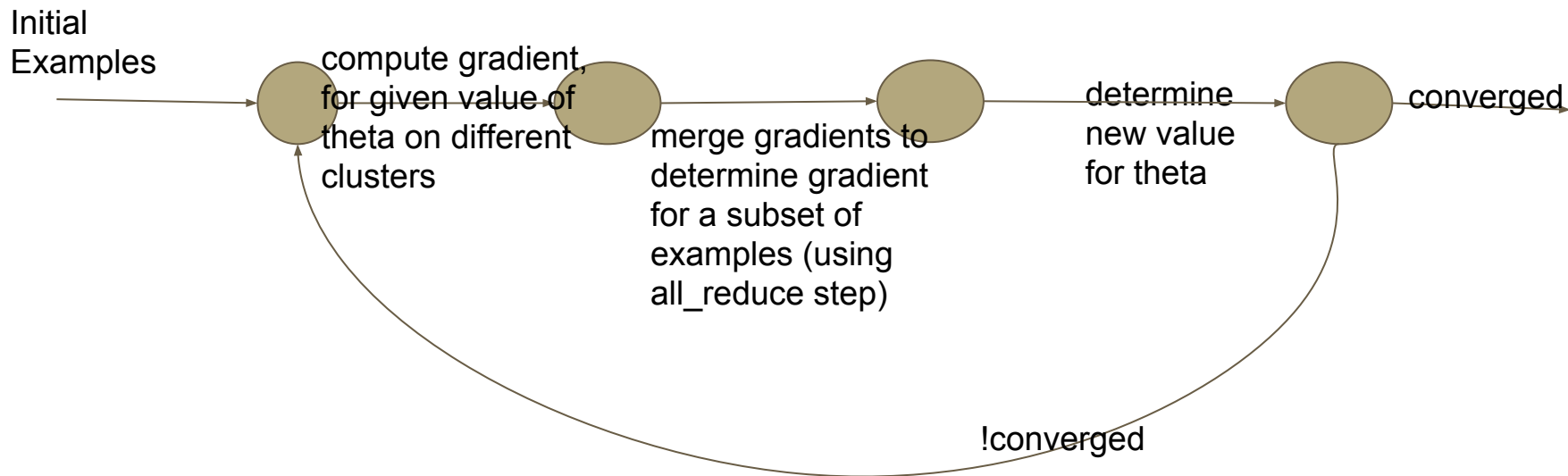
→ Other Projects

Aim

→ Significance?



How?



What's Left

→ Generalisation

→ Testing

→ WriteUp