

Source

What is the source of knowledge?

Representation

How is the knowledge represented?

Integration

Where is knowledge integrated?

Scientific Knowledge

(natural sciences, engineering, etc.)
[10]-[12], [33], [ours]

World Knowledge

(vision, linguistics, semantics, etc.)

Expert Knowledge

(intuition, tacit knowledge, etc.)
[10], [13]-[17], [24], [37]

Algebraic Eqn.

[10], [11], [33]

Differential Eqn.

Simulation Results

[12], [19]-[21]

Spatial Invariances

[13]

Logic Rules

[14], [24]

Knowledge Graphs

[13],[34], [37]

Probabilistic Relations

[15], [16], [ours]

Human Feedback

[17]

Training Data

[12], [19]-[21]

Hypothesis Set

(network architecture, model structure, etc.) [13]-[16], [24]
[33], [34], [37]

Learning Algorithm

(Regularization terms, loss functions, etc.)
[10], [11], [ours]

Final Hypothesis