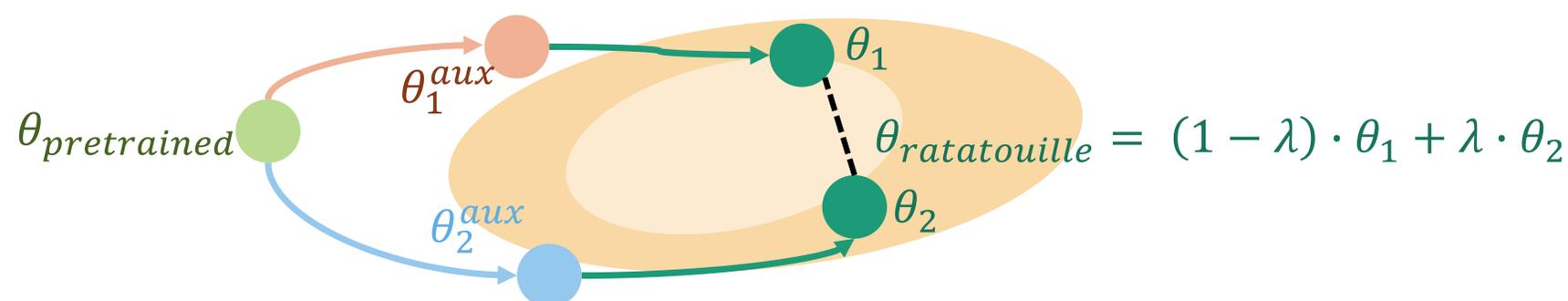


# Model Ratatouille

## Recycling Diverse Models for Out-of-Distribution Generalization

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	Vanilla fine-tuning	Moving average, WiSE fine-tuning	Model soups, DiWA	Inter-training	Fusing	Model  ratatouille
pre-trained foundation model						
auxiliary fine-tuning(s)						
target fine-tuning(s)						
final model						
OOD accuracy on DomainBed	63.3	66.5	67.6	65.6	65.8	68.1 ✓



### Our Model Ratatouille...

1. Benefits from linear mode connectivity across sufficiently similar tasks
2. Diversifies the features by fine-tuning on diverse auxiliary tasks
3. Is one step towards building updatable ML models akin to open-source software: collaborating in parallel, then merging together

