



Faithfulness  
Interactiveness  
Planning



**G 1**



Superficial Faithfulness



Low-Level Interactiveness



Without Obvious  
Planning Ability

**G 2**



Consistent Faithfulness



Semantic and Navigational  
Interactiveness



Simple Task Planning



**G 3**



Physically Intrinsic  
Faithfulness



Real-Time and Local  
Interactiveness



Complex Task Planning



**G 4**



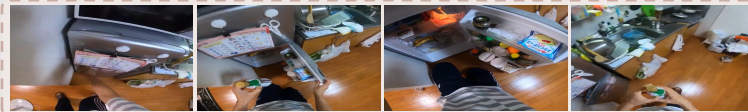
Physically Intrinsic  
Faithfulness



Global and Multi-Modal  
Interactiveness



Stochasticity Planning



Future World Model

Real-Time

Stochasticity

Multi-Scale Planning

Physically Intrinsic Faithfulness

Zero-Shot

Creative and  
artistic product

Robotics and  
agent motion

Autonomous  
vehicles



Human behaviors

Everything

Everywhere

Hills,  
Mountains...



Earth, Jupiter,  
Venus, Mars...

Ocean, River,  
Lake...

Seattle, Beijing,  
Singapore...