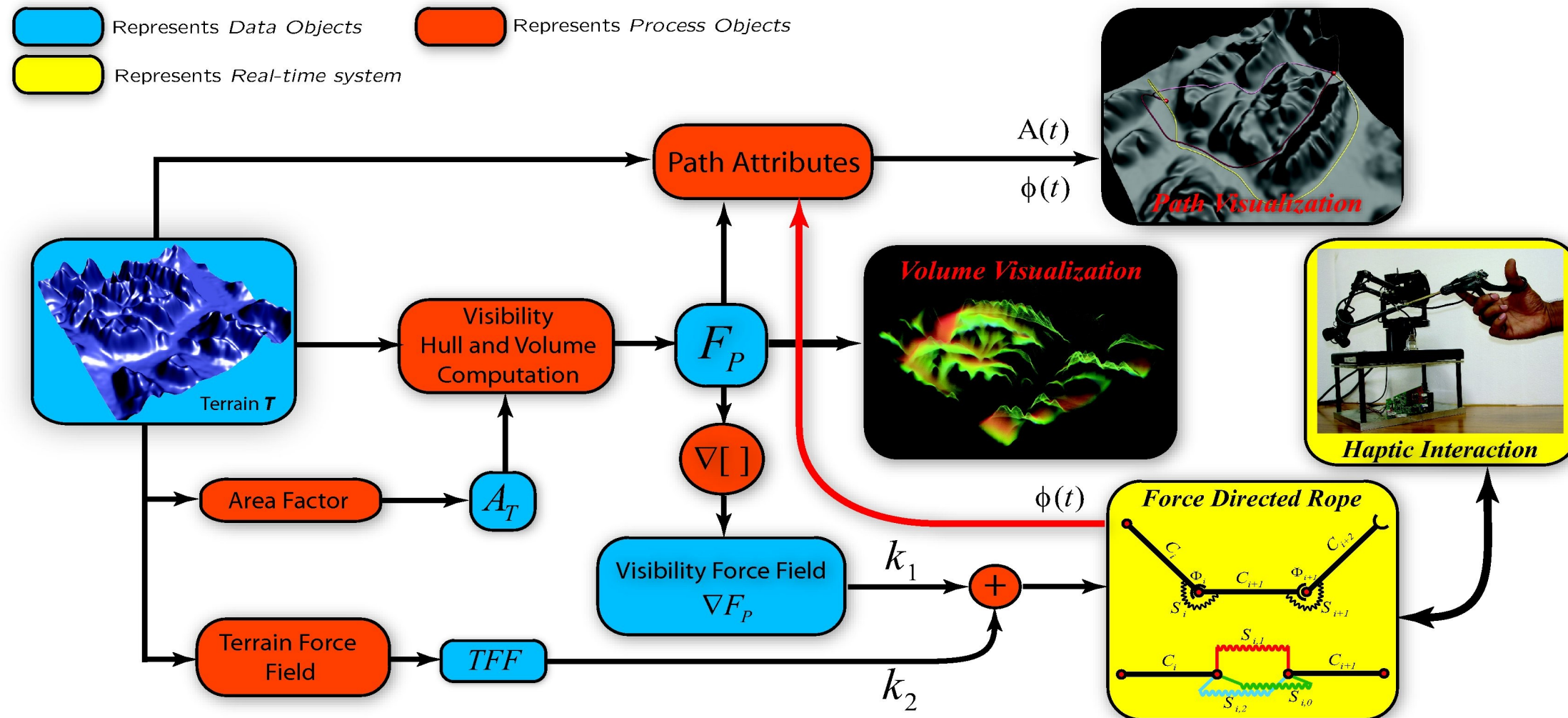


Visibility-guided Interactive Path Optimization



- Given a terrain height field T , we compute the visibility field F_p defined as the total terrain area visible from the point p .
- We use standard volume rendering techniques for real-time visualization of F_p .
- An optimal path between a source and a destination point is computed using a rope simulation component, which is directed by the visibility force field (gradient of F_p).
- A haptic device is used to interact with the rope and allow the user to explore the multiple equilibria.

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