endpoint sampling
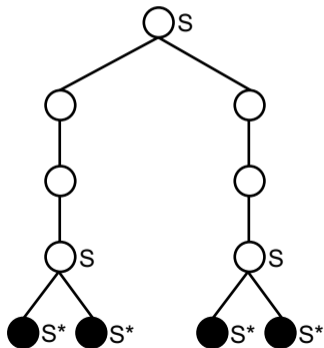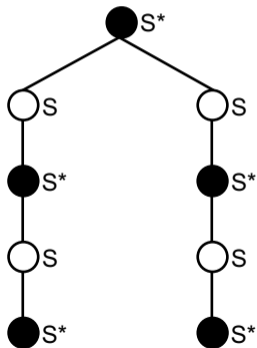
intermediate sampling

Progenitor design

Sibling design