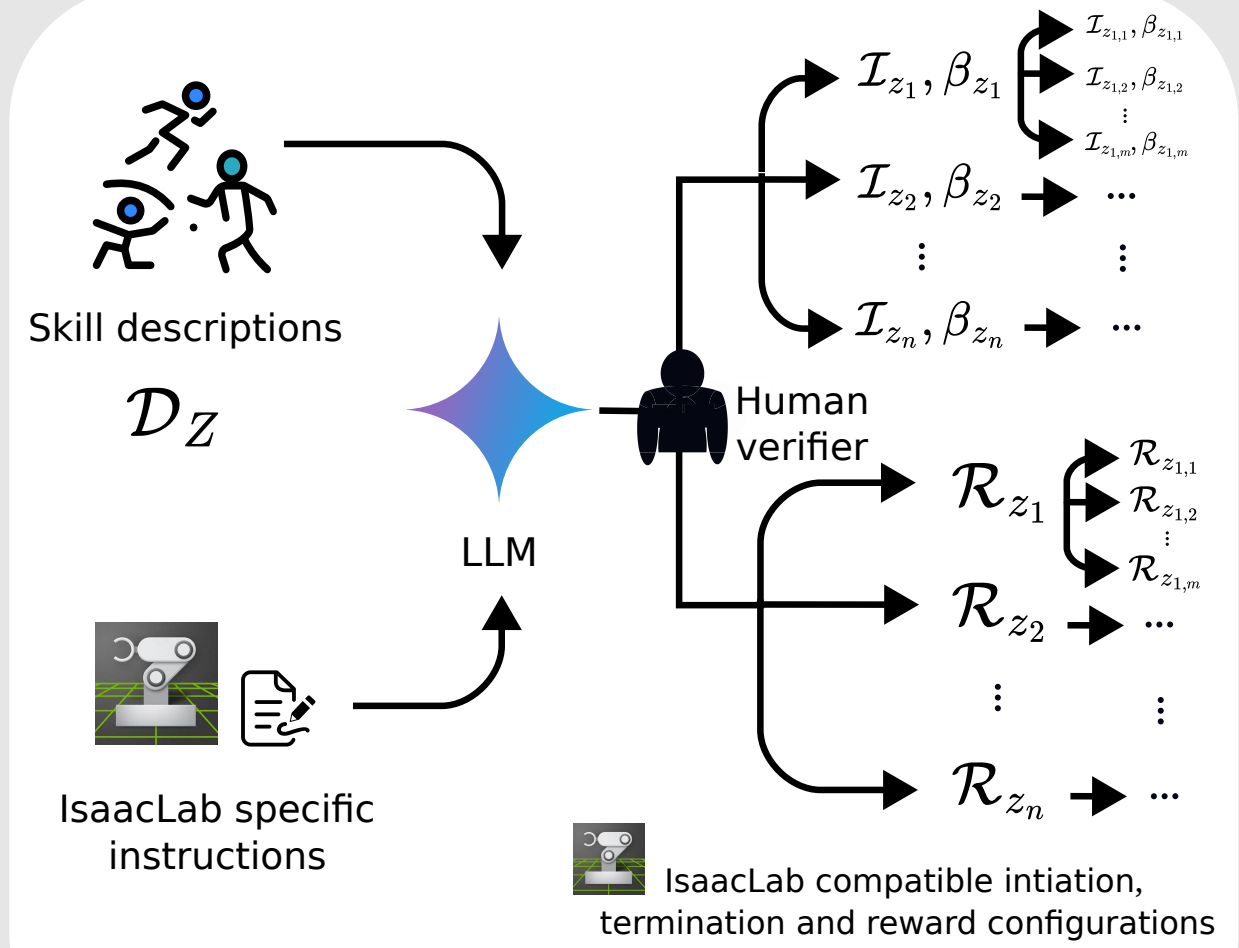
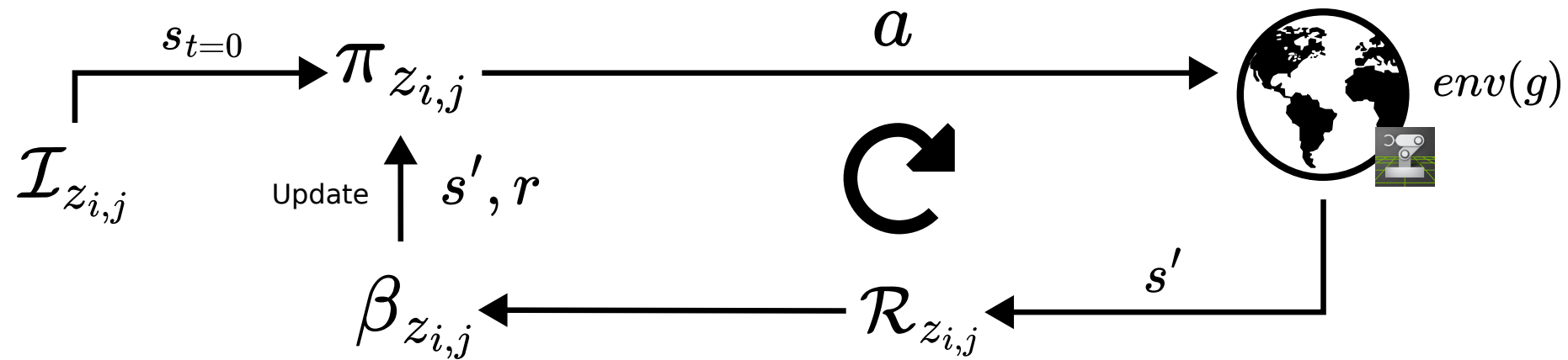


1. Automated task design and required skill generator

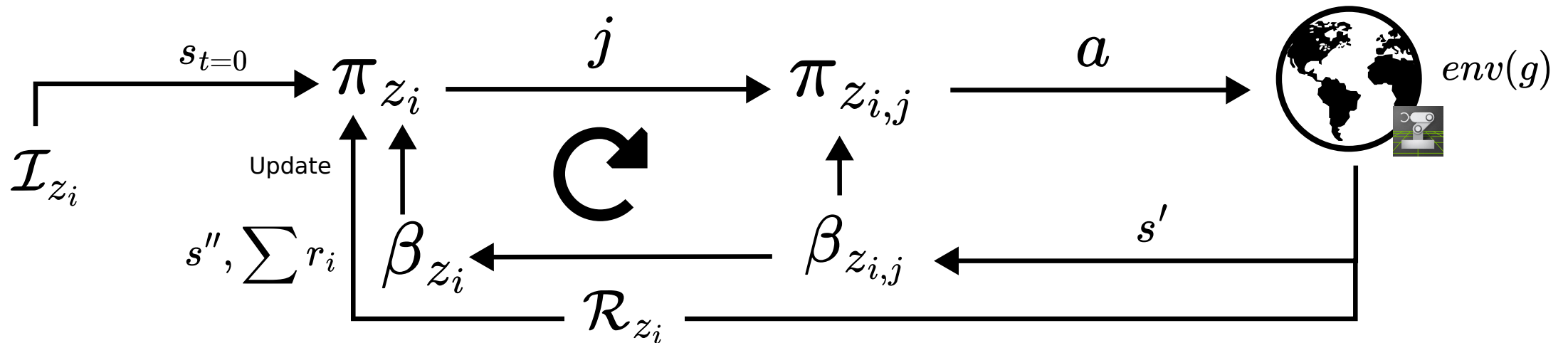


2. Automated per-skill function design

For each skill $z_{i,j} \in Z$



For each skill $z_i \in Z$



3. Automated hierarchical skill training using reinforcement