

## Goal-Plan hierarchy for test *testfr01*

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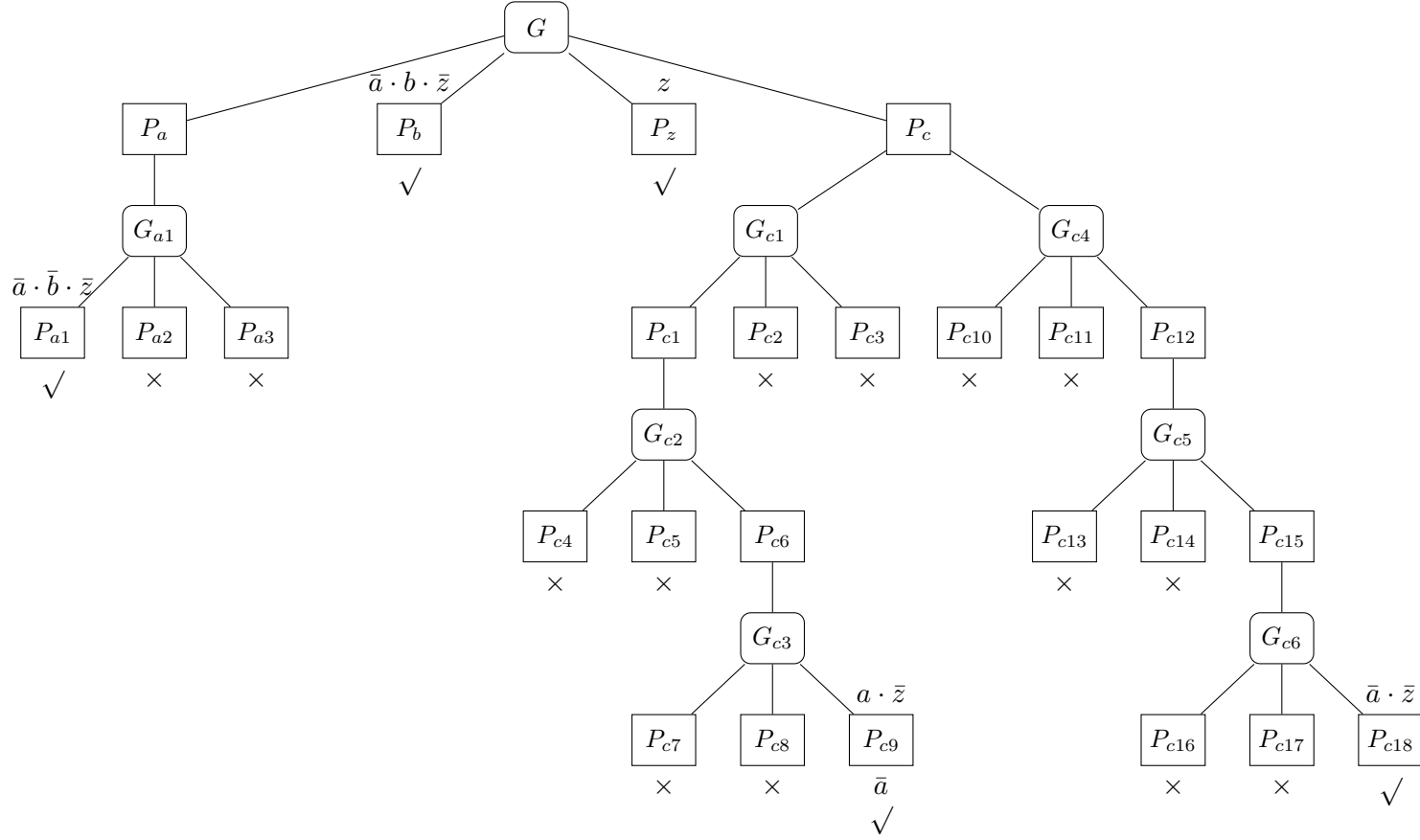


Figure 1: All leaf plans marked  $\times$ , for instance plan  $P_{a3}$ , will fail under normal operation but have the side-effect of toggling  $z$ . This means that two successive failures will change the world in no noticeable way. The task is to learn the correct plan selection in the plan sub-tree  $P_c$  without being adversely impacted by  $z$ .