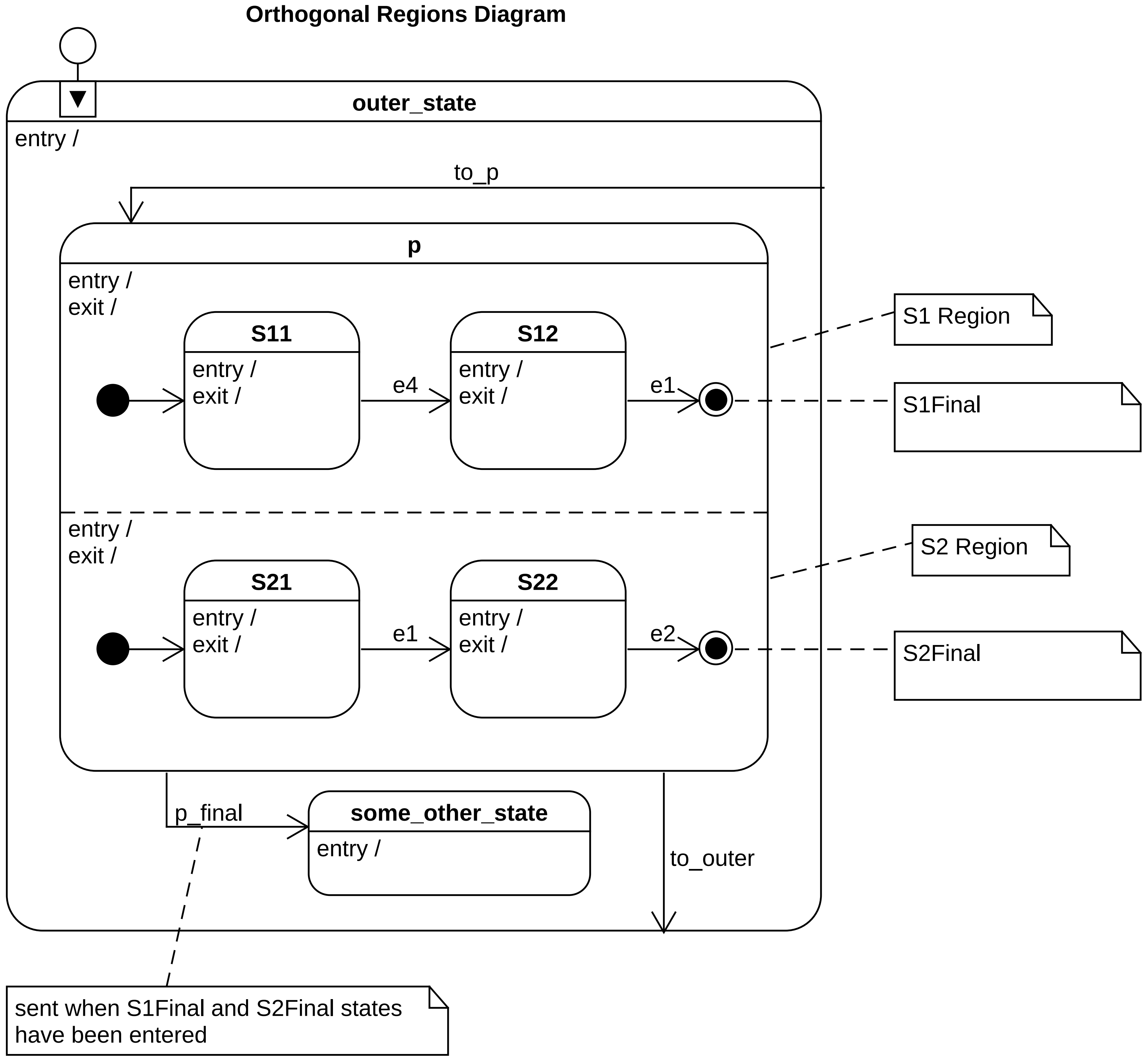
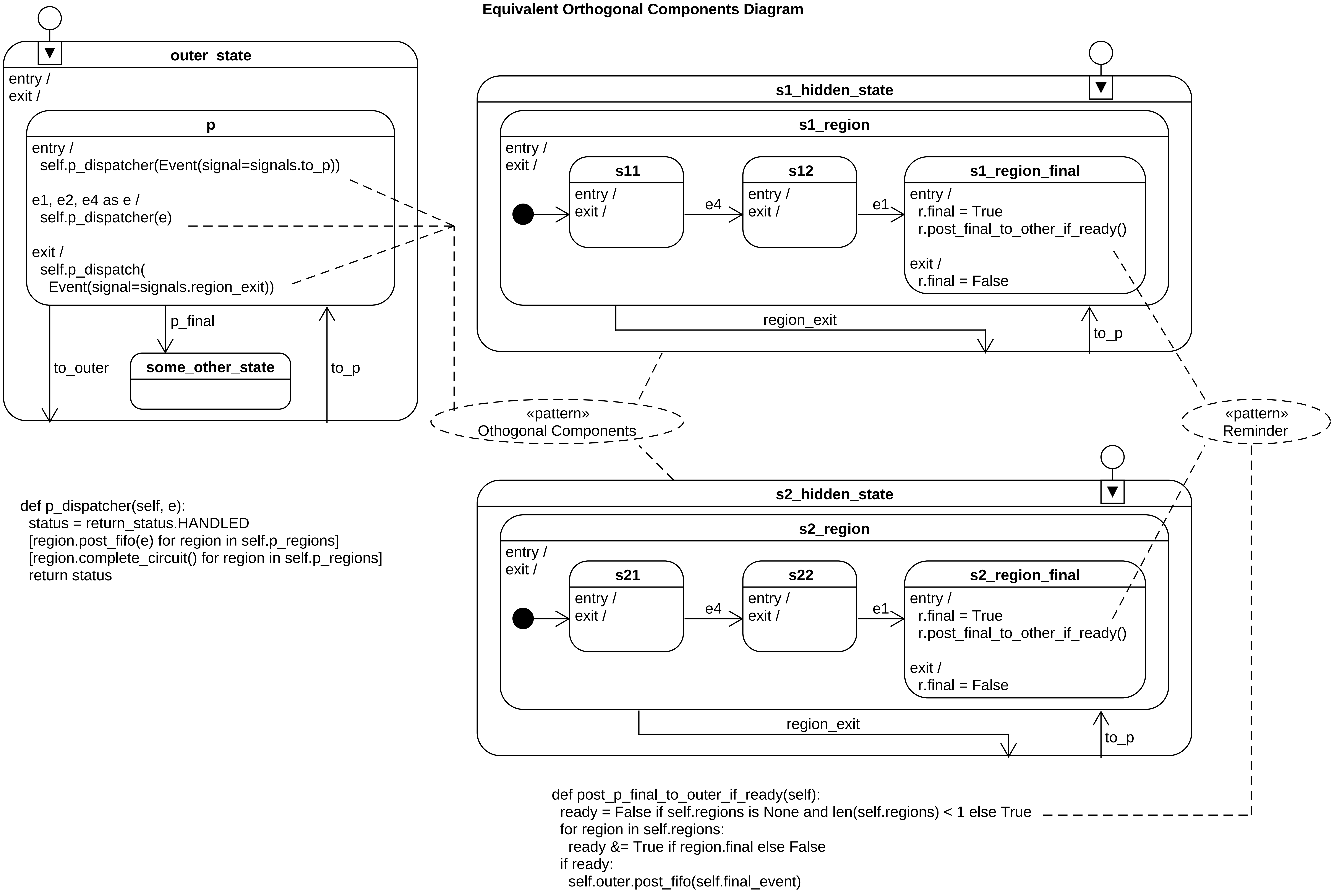
Orthogonal Regions Diagram



Equivalent Orthogonal Components Diagram



```
def p_dispatcher(self, e):
  status = return_status.HANDLED
  [region.post_fifo(e) for region in self.p_regions]
  [region.complete_circuit() for region in self.p_regions]
  return status
```

```
def post_p_final_to_outer_if_ready(self):
  ready = False if self.regions is None and len(self.regions) < 1 else True
  for region in self.regions:
    ready &= True if region.final else False
  if ready:
    self.outer.post_fifo(self.final_event)
```