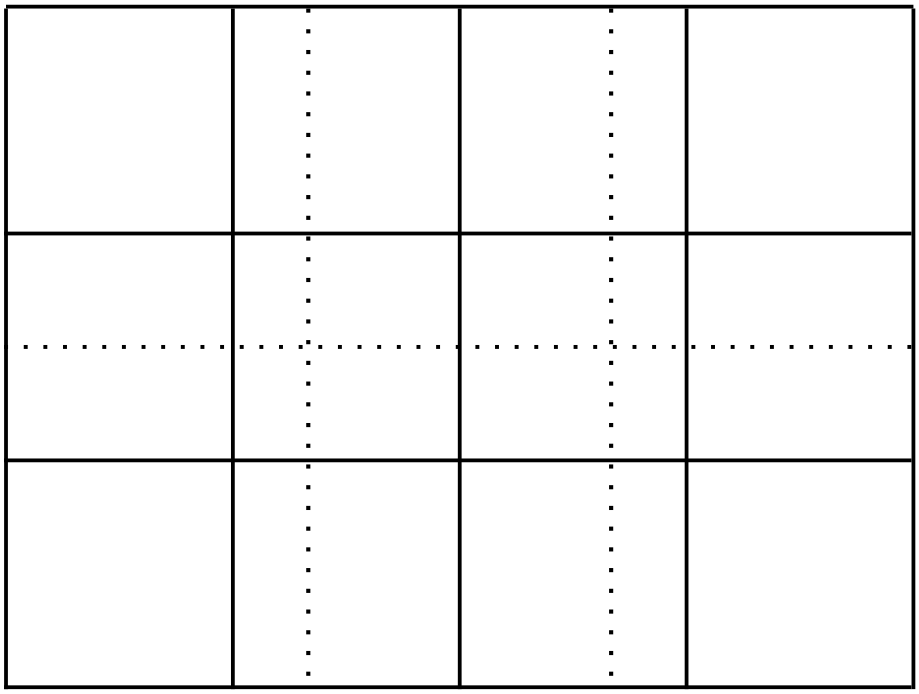
Relation between subdomains and turi-cells

subdomain boundary

turi-cell boundary



Here, each turi-cell is shared among 4 subdomains.

subdomains associated with turi-cell (0,0) = {(0,0), (0,1), (1,0), (1,1)}
subdomains associated with turi-cell (0,1) = {(0,1), (0,2), (1,1), (1,2)}
subdomains associated with turi-cell (0,2) = {(0,2), (0,3), (1,2), (1,3)}
subdomains associated with turi-cell (1,0) = {(1,0), (1,1), (2,0), (2,1)}
subdomains associated with turi-cell (1,1) = {(1,1), (1,2), (2,1), (2,2)}
subdomains associated with turi-cell (1,2) = {(1,2), (1,3), (2,2), (2,3)}

turi-cells associated with subdomain (0,0) = {(0,0)}
turi-cells associated with subdomain (0,1) = {(0,0), (0,1)}
turi-cells associated with subdomain (0,2) = {(0,1), (0,2)}
turi-cells associated with subdomain (0,3) = {(0,2)}
turi-cells associated with subdomain (1,0) = {(0,0), (1,0)}
turi-cells associated with subdomain (1,1) = {(0,0), (0,1), (1,0), (1,1)}
turi-cells associated with subdomain (1,2) = {(0,1), (0,2), (1,1), (1,2)}
turi-cells associated with subdomain (1,3) = {(0,2), (1,2)}
turi-cells associated with subdomain (2,0) = {(1,0)}
turi-cells associated with subdomain (2,1) = {(1,0), (1,1)}
turi-cells associated with subdomain (2,2) = {(1,1), (1,2)}
turi-cells associated with subdomain (2,3) = {(1,2)}