Legend:
- Exact mesh (magenta, ○)
- Linear mesh (cyan, ○)
- Quadtree (black, ○)
- Cubic spline (blue, ×, dash-dot)
- Present method (green, ×, dash-dot)
- Mod. method (red, ×, dash-dot)

Region

$M = 2, n_c = 8, p = 2$

$M = 4, n_c = 20, p = 2$

$M = 2, n_c = 60, p = 3$

$M = 4, n_c = 99, p = 2$

$M = 3, n_c = 128, p = 3$

$f_1(x, y)$ $f_2(x, y)$ $f_3(x, y)$

Integration Error

Timing (s)