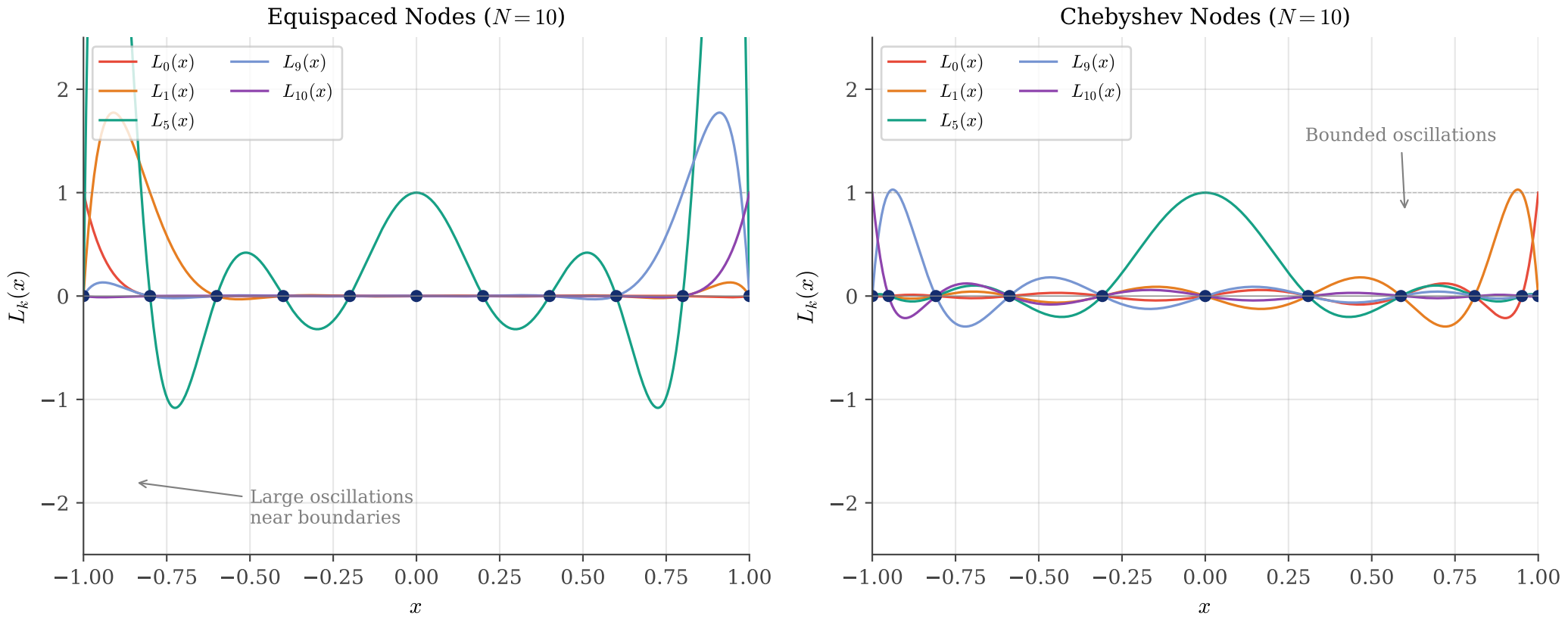
Equispaced Nodes ($N = 10$)
$L_0(x)$
$L_1(x)$
$L_5(x)$
$L_9(x)$
$L_{10}(x)$
Large oscillations
near boundaries
$L_k(x)$
x
Chebyshev Nodes ($N = 10$)
$L_0(x)$
$L_1(x)$
$L_5(x)$
$L_9(x)$
$L_{10}(x)$
Bounded oscillations
$L_k(x)$
x