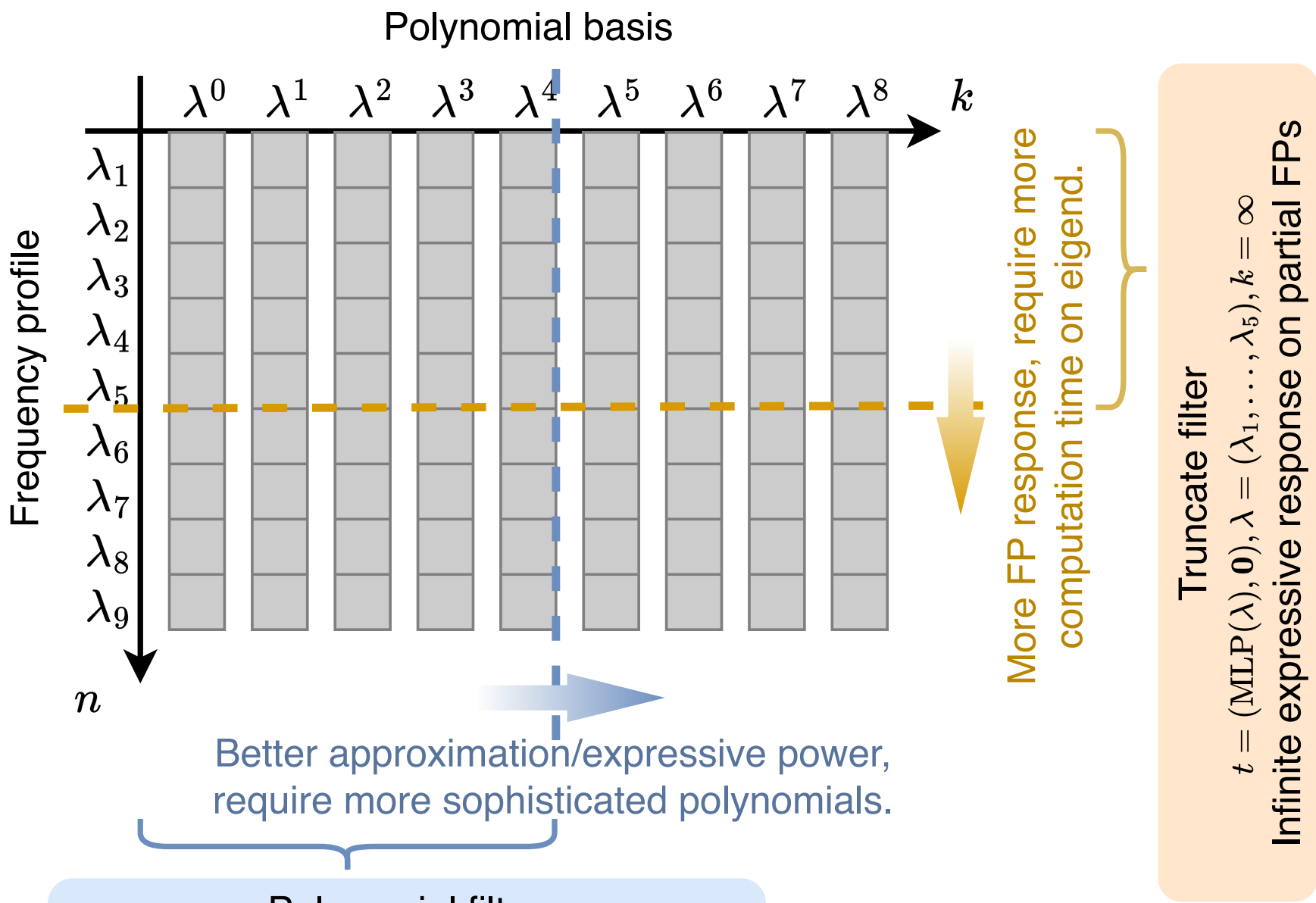
Polynomial basis
λ^0 λ^1 λ^2 λ^3 λ^4 λ^5 λ^6 λ^7 λ^8 k
Frequency profile
λ_1 λ_2 λ_3 λ_4 λ_5 λ_6 λ_7 λ_8 λ_9
n
More FP response, require more computation time on eigend.
Truncate filter
$t = (\mathrm{MLP}(\lambda), \mathbf{0}), \lambda = (\lambda_1, \ldots, \lambda_5), k = \infty$
Infinite expressive response on partial FPs
Better approximation/expressive power, require more sophisticated polynomials.
Polynomial filter
$t = g^{(4)}(\lambda), \lambda = (\lambda_1, \ldots, \lambda_9), k = 4$
Limited expressive response on all FPs