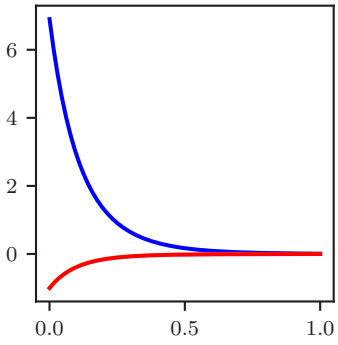
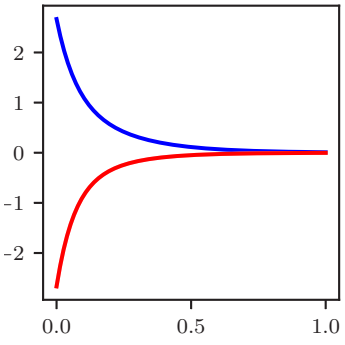
CM Kernel Inversion $K(t) \mapsto J(t)$

$K = \mathcal{L}_b[\lambda_1]$ with $c_0 = -10, c_1 = 1$



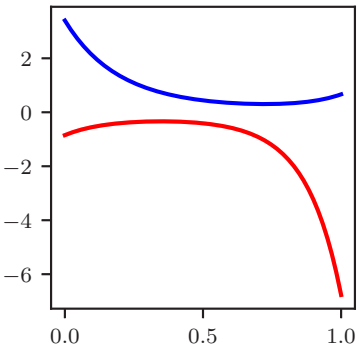
$\frac{\|J_{\text{spec}} - J_{\text{num}}\|_{L^2}}{\|J_{\text{num}}\|_{L^2}} = 2.858\text{e-}05$
$\mathcal{E}_{\text{gCM}}(J_{\text{spec}}) = 7.649\text{e-}04$
$\mathcal{E}_{\text{gCM}}(J_{\text{num}}) = 1.254\text{e-}03$

$K = \mathcal{L}_b[\lambda_2]$ with $c_0 = 1, c_1 = 0$

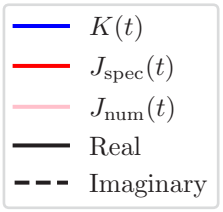


$\frac{\|J_{\text{spec}} - J_{\text{num}}\|_{L^2}}{\|J_{\text{num}}\|_{L^2}} = 3.966\text{e-}04$
$\mathcal{E}_{\text{gCM}}(J_{\text{spec}}) = 5.757\text{e-}05$
$\mathcal{E}_{\text{gCM}}(J_{\text{num}}) = 3.469\text{e-}04$

$K = \mathcal{L}_b[\lambda_3]$ with $c_0 = 0, c_1 = 0$

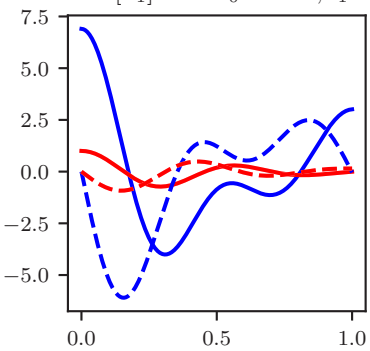


$\frac{\|J_{\text{spec}} - J_{\text{num}}\|_{L^2}}{\|J_{\text{num}}\|_{L^2}} = 3.760\text{e-}04$
$\mathcal{E}_{\text{gCM}}(J_{\text{spec}}) = 7.488\text{e-}04$
$\mathcal{E}_{\text{gCM}}(J_{\text{num}}) = 7.472\text{e-}04$



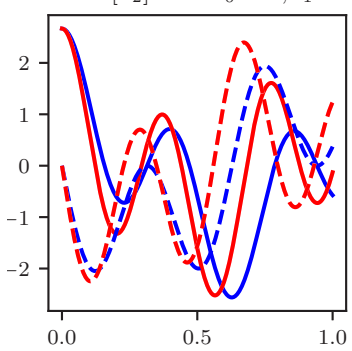
PD Kernel Inversion $K(t) \mapsto J(t)$

$K = \mathcal{F}[\lambda_1]$ with $c_0 = -10, c_1 = 1$



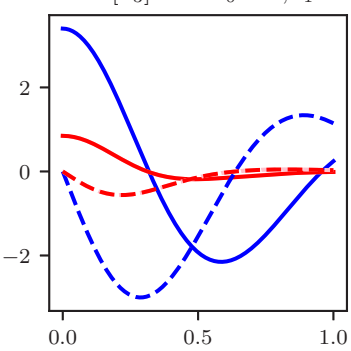
$\frac{\|J_{\text{spec}} - J_{\text{num}}\|_{L^2}}{\|J_{\text{num}}\|_{L^2}} = 1.682\text{e-}05$
$\mathcal{E}_{\text{gPD}}(J_{\text{spec}}) = 2.775\text{e-}04$
$\mathcal{E}_{\text{gPD}}(J_{\text{num}}) = 2.775\text{e-}04$

$K = \mathcal{F}[\lambda_2]$ with $c_0 = 1, c_1 = 0$



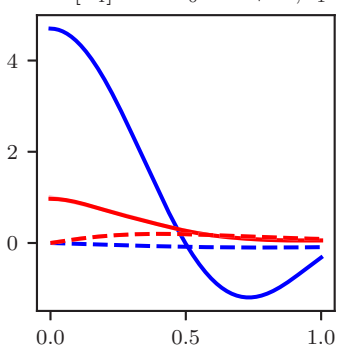
$\frac{\|J_{\text{spec}} - J_{\text{num}}\|_{L^2}}{\|J_{\text{num}}\|_{L^2}} = 1.332\text{e-}04$
$\mathcal{E}_{\text{gPD}}(J_{\text{spec}}) = 5.648\text{e-}05$
$\mathcal{E}_{\text{gPD}}(J_{\text{num}}) = 1.262\text{e-}04$

$K = \mathcal{F}[\lambda_3]$ with $c_0 = 0, c_1 = 0$



$\frac{\|J_{\text{spec}} - J_{\text{num}}\|_{L^2}}{\|J_{\text{num}}\|_{L^2}} = 4.915\text{e-}03$
$\mathcal{E}_{\text{gPD}}(J_{\text{spec}}) = 6.653\text{e-}04$
$\mathcal{E}_{\text{gPD}}(J_{\text{num}}) = 6.654\text{e-}04$

$K = \mathcal{F}[\lambda_4]$ with $c_0 = 1 + 1i, c_1 = 1$



$\frac{\|J_{\text{spec}} - J_{\text{num}}\|_{L^2}}{\|J_{\text{num}}\|_{L^2}} = 1.014\text{e-}02$
$\mathcal{E}_{\text{gPD}}(J_{\text{spec}}) = 1.502\text{e-}01$
$\mathcal{E}_{\text{gPD}}(J_{\text{num}}) = 6.861\text{e-}05$