



Figure 1: Hypernet module. The DNN g_1 is parametrized by a learnable parameter Θ , and maps each context C_i to W_{C_i} , a parametrization for g_2 . When a dynamics update is required, the DNN g_2 maps the current state prediction (after filtration) to a new set of dynamics parameters, using W_{C_i} . As depicted, the dynamics parameters may update more often than the context.