$$f(oldsymbol{x}) \qquad f(oldsymbol{x}, oldsymbol{z}^{(1)}) \qquad f(oldsymbol{z}^{(L-1)}, oldsymbol{z}^{(L)}) \qquad f(oldsymbol{z}^{(L-1)}, oldsymbol{z}^{(L)}) \qquad f(oldsymbol{z}^{(L)}, oldsymbol{z}^{(D)}) \qquad f(oldsymbol{z}^{(L)}, oldsymbol{z}^{(D)}) \qquad f(oldsymbol{z}^{(D)}, oldsymbol{y}) \qquad f(oldsymbol{z}^{(D)}, oldsymbol{z}^{(D)}) \qquad f(oldsymbol{z}^{(D)}, oldsymbol{z}^{(D)}) \qquad f(oldsymbol{z}^{(D)}, oldsymbol{z}^{(D)}) \qquad f(oldsymbol{z}^{(D)}, oldsymbol{z}^{(D)}) \qquad f(oldsymbol{z}^{(D)}, oldsymbol{z}^{(D)}, oldsymbol{z}^{(D)}) \qquad f(oldsymbol{z}^{(D)}, oldsymbol{$$