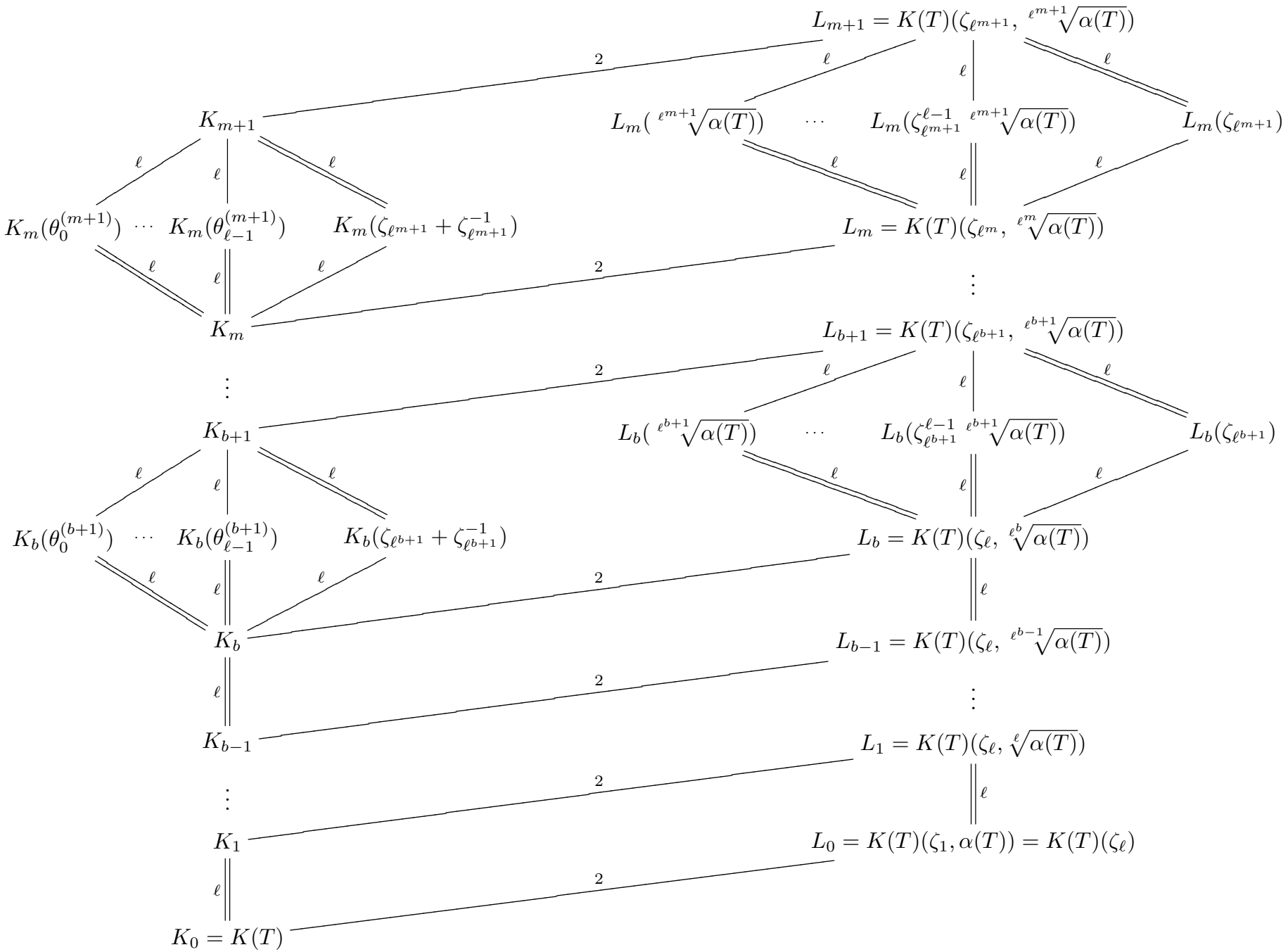
$L_{m+1} = K(T)(\zeta_{\ell^{m+1}}, \sqrt[\ell^{m+1}]{\alpha(T)})$
K_{m+1}
$L_m(\sqrt[\ell^{m+1}]{\alpha(T)})$
$L_m(\zeta_{\ell^{m+1}}^{\ell-1}\sqrt[\ell^{m+1}]{\alpha(T)})$
$L_m(\zeta_{\ell^{m+1}})$
$K_m(\theta_0^{(m+1)})$
$K_m(\theta_{\ell-1}^{(m+1)})$
$K_m(\zeta_{\ell^{m+1}} + \zeta_{\ell^{m+1}}^{-1})$
$L_m = K(T)(\zeta_{\ell^m}, \sqrt[\ell^m]{\alpha(T)})$
K_m
$L_{b+1} = K(T)(\zeta_{\ell^{b+1}}, \sqrt[\ell^{b+1}]{\alpha(T)})$
K_{b+1}
$L_b(\sqrt[\ell^{b+1}]{\alpha(T)})$
$L_b(\zeta_{\ell^{b+1}}^{\ell-1}\sqrt[\ell^{b+1}]{\alpha(T)})$
$L_b(\zeta_{\ell^{b+1}})$
$K_b(\theta_0^{(b+1)})$
$K_b(\theta_{\ell-1}^{(b+1)})$
$K_b(\zeta_{\ell^{b+1}} + \zeta_{\ell^{b+1}}^{-1})$
$L_b = K(T)(\zeta_\ell, \sqrt[\ell^b]{\alpha(T)})$
K_b
$L_{b-1} = K(T)(\zeta_\ell, \sqrt[\ell^{b-1}]{\alpha(T)})$
K_{b-1}
$L_1 = K(T)(\zeta_\ell, \sqrt[\ell]{\alpha(T)})$
K_1
$L_0 = K(T)(\zeta_1, \alpha(T)) = K(T)(\zeta_\ell)$
$K_0 = K(T)$
2
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