

$x1 = \text{map2}(f0, x2)$

*Kernel 1*

$x3 = \text{map2}(f, x1)$

*Kernel 2*

$(y1, y2, y3) = \text{map2}(f1, x1, x2[1])$

$(z1, z2) =$   
 $\text{map2}(f2,$   
 $y1, y2)$

$\text{map2}(\text{fn real ( real } z1i,$   
 $\text{real } y2i, \text{real } z2i,$   
 $\text{real } y1i, \text{real } y3i ) =>$   
 $\text{let } (q1i, q2i) = g(\text{ } y3i, z1i$   
 $\text{, } y2i, y3i )$   
 $\text{in } h(q1i, q2i, z2i, y1i, y3i)$   
 $\text{, } z1, y2, z2, y1, y3 )$

*(Fusable) Kernel 3*