

Root

$\text{tmp}_1 = \text{Matrix_Multiply}(A, B)$

|

$\text{tmp}_2 = \text{Row_Sum}(\text{tmp}_1)$

|

$L_1 = \text{Col_Sum}(\text{tmp}_2)$

$\text{tmp}_1 = \text{Col_Sum}(B)$

|

$\text{tmp}_2 = \text{Col_Replicate}(\text{tmp}_1)$

|

$\text{tmp}_3 = \text{Transpose}(\text{tmp}_2)$

|

$\text{tmp}_4 = \text{Element_Multiply}(A, \text{tmp}_3)$

|

$\text{tmp}_5 = \text{Row_Sum}(\text{tmp}_4)$

|

$L_2 = \text{Col_Sum}(\text{tmp}_5)$