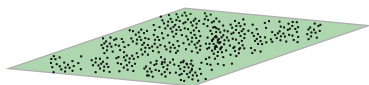
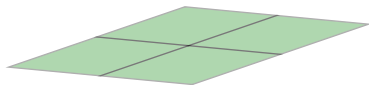


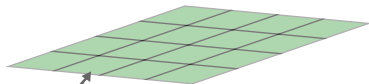
Level 0



Level 1

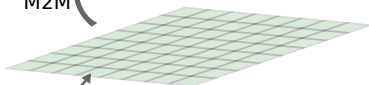


Level 2

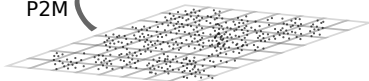


M2M

Level 3



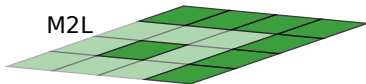
P2M



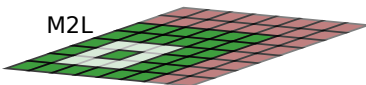
(a) Recursive Partitioning and Upward Pass - P2M and M2M Transfers



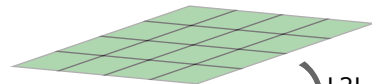
M2L



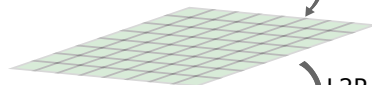
M2L



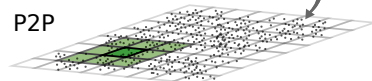
(c) Downward Pass - M2L Transfers  
Highlighted Boxes Correspond to Target Box  
and its V List. Red Boxes Already Encapsulated  
in Local Expansion



L2L



L2P



P2P

(d) Downward Pass - L2L Transfers  
and Near-Field Evaluation at Leaves

X	X	V	V			
		V	V			
X	W	W	W	U	V	
	W	U	U	U		
	U	T	U	U	V	
X	U	U	U	V		
	V	V	V	V		

(b) Optionally Non-Uniform Leaf Partition