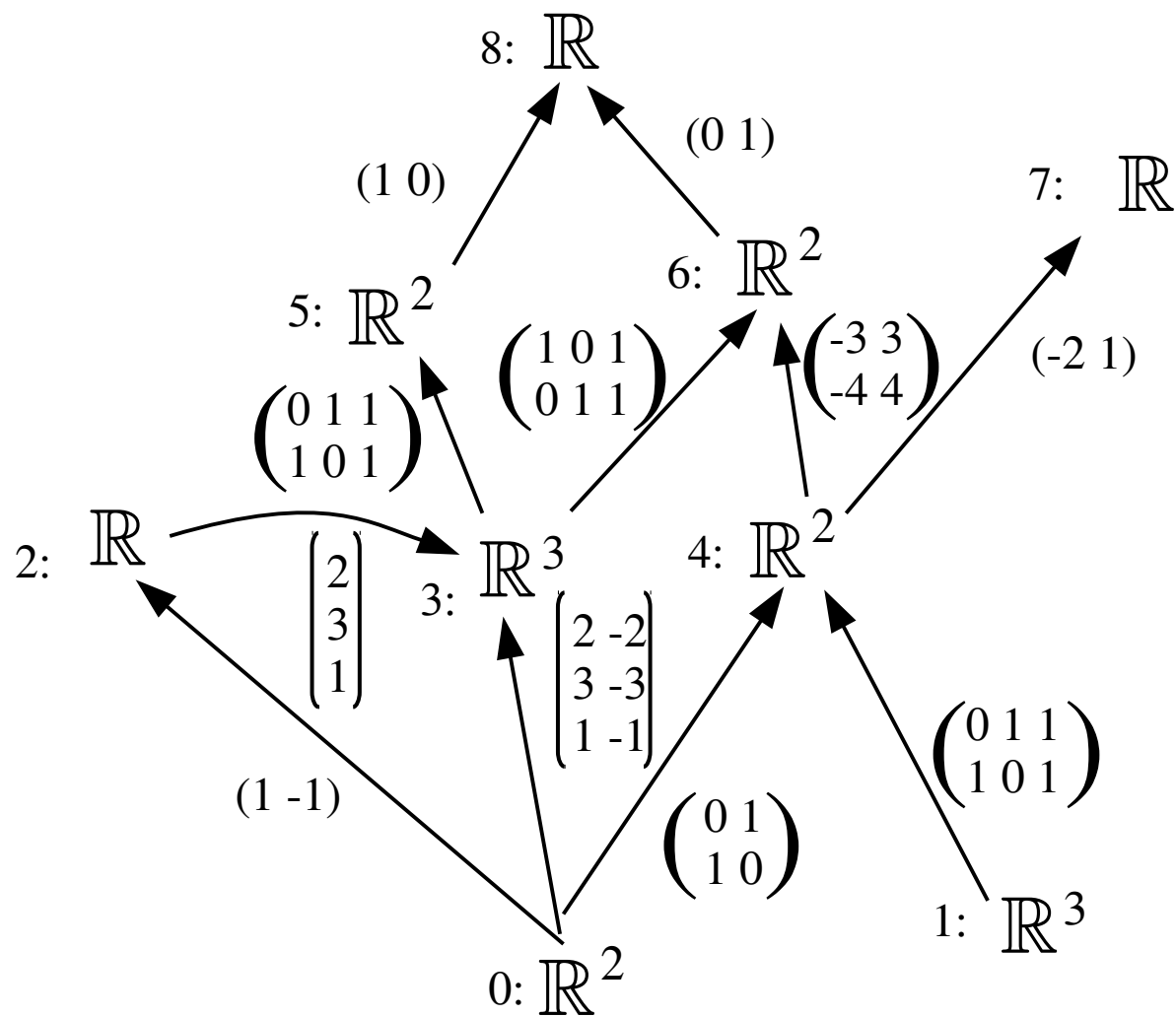
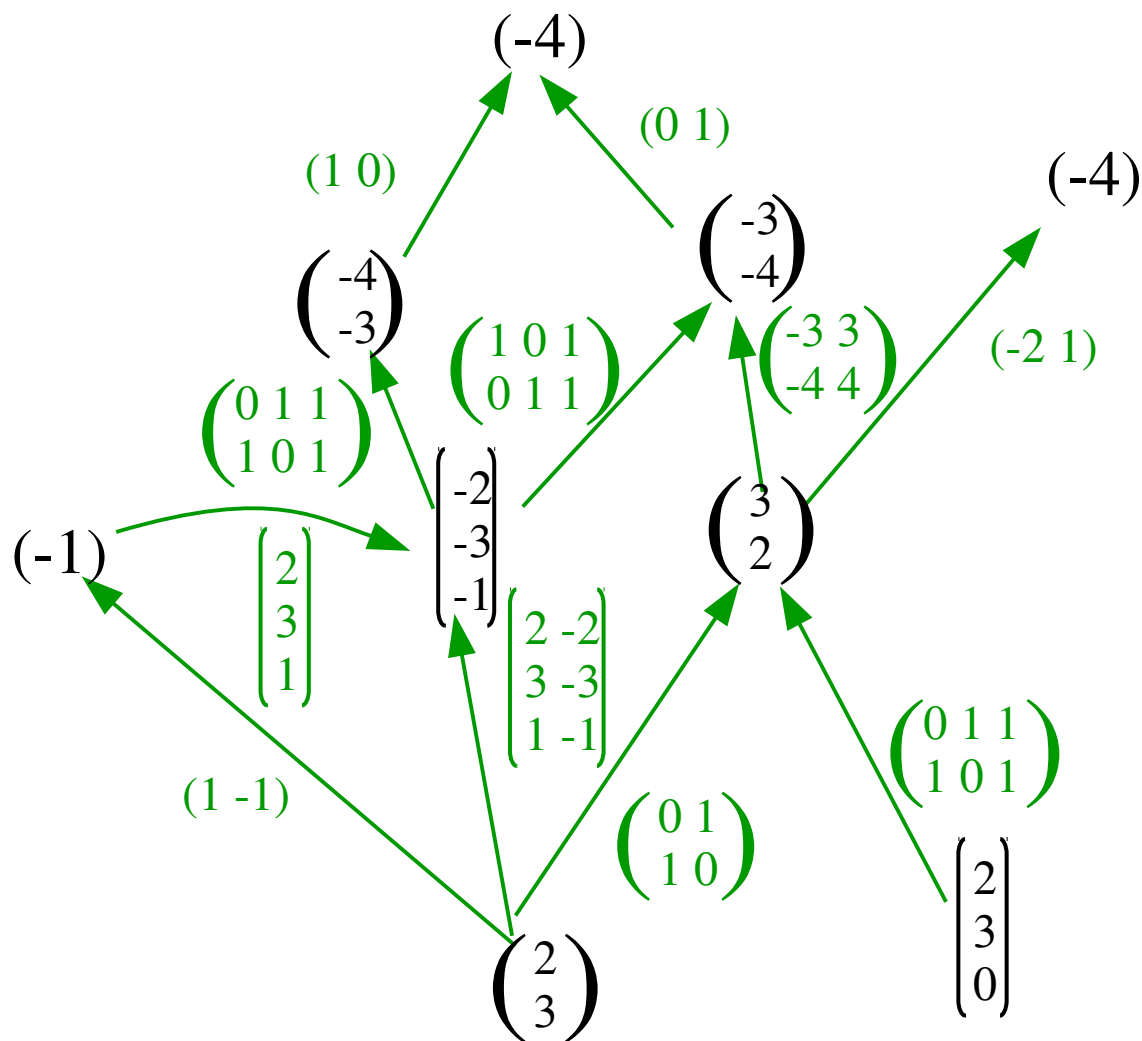


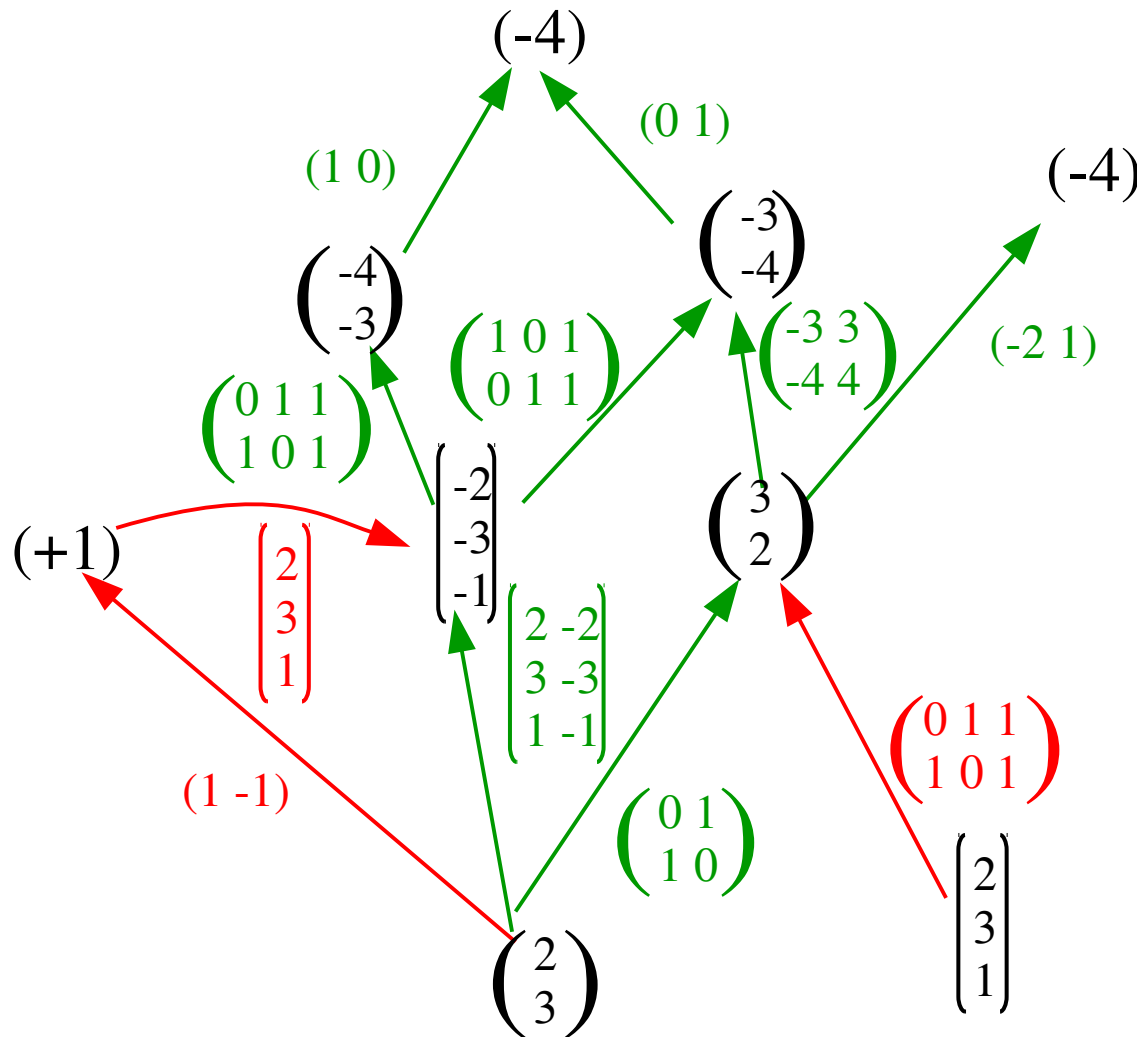
# Sheaf diagram with cell indices



# Global section

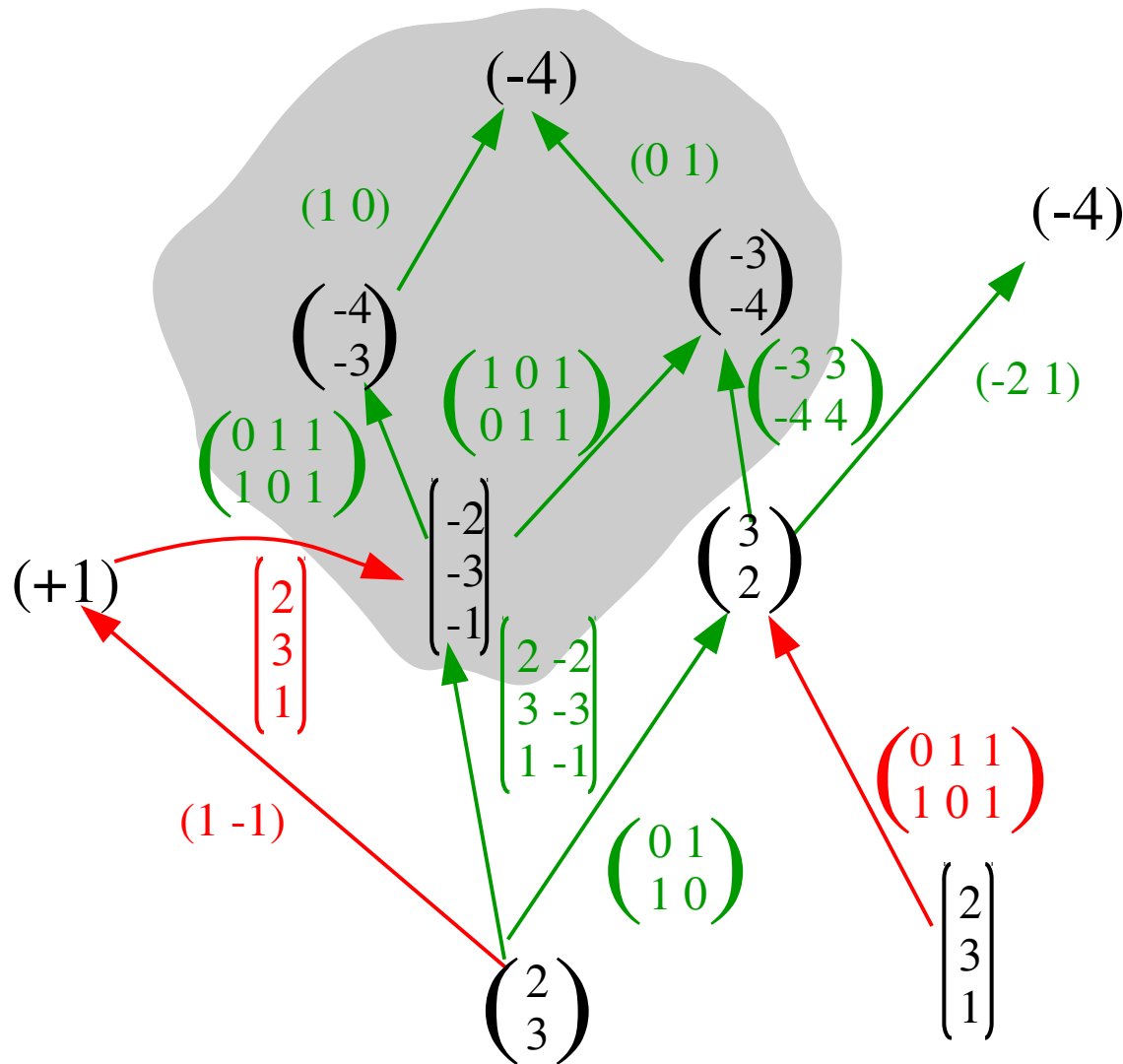


# Not a global section



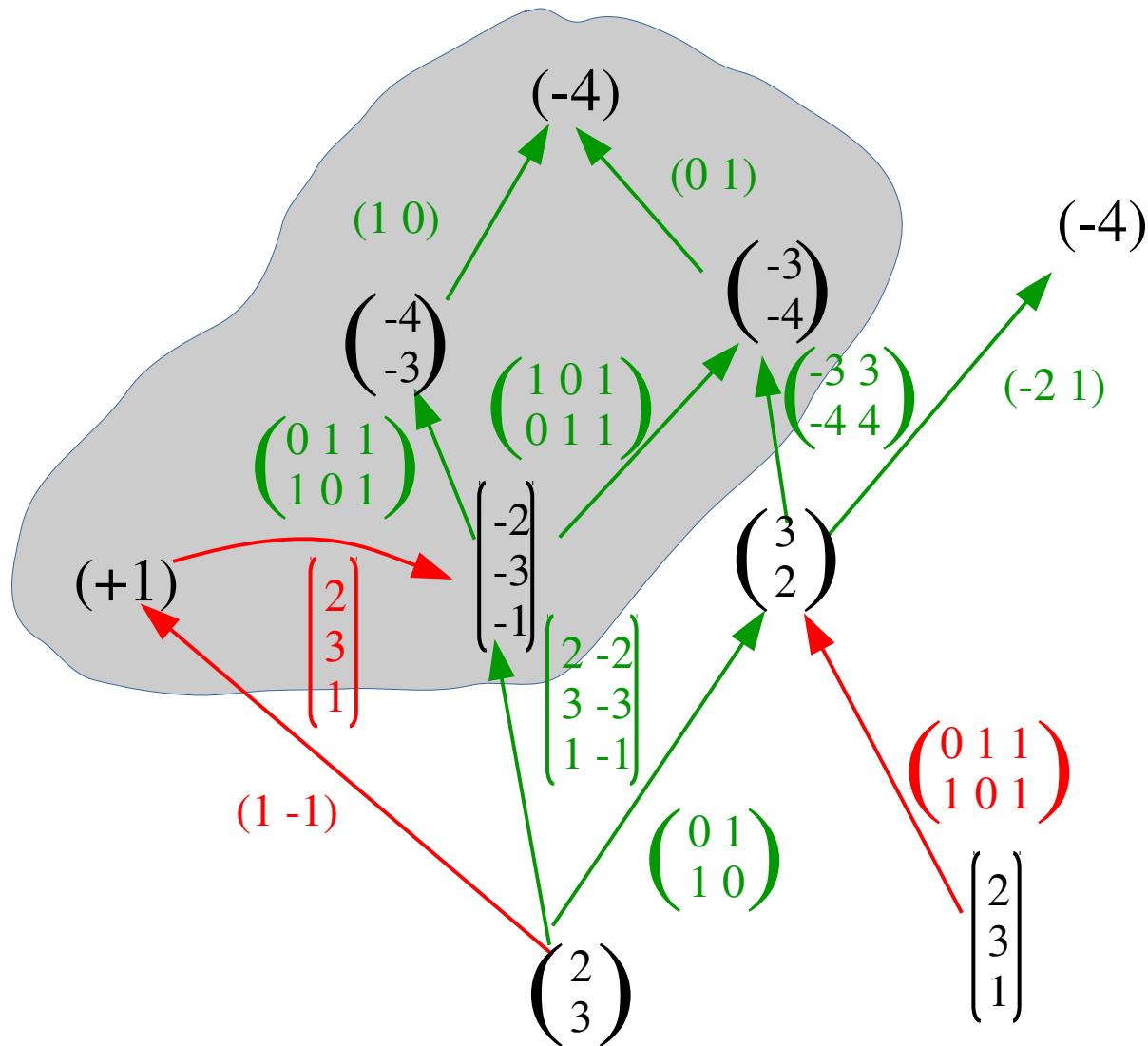
Consistency  
Radius  $\geq 2\sqrt{14}$

# Not a global section



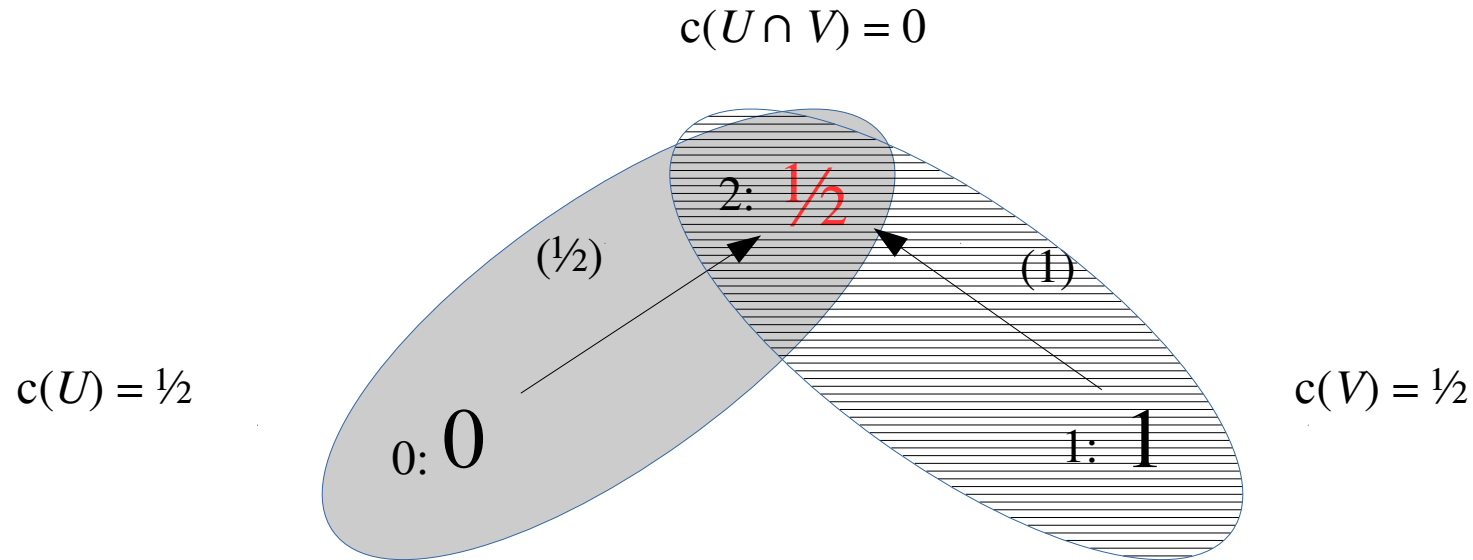
Consistency  
Radius = 0

# Not a global section



Consistency  
Radius =  $2\sqrt{14}$

# Smaller example



$$c^*(U \cup V) = \frac{1}{2} \text{ (even without supplying a value at cell 2)}$$
$$c(U \cup V) = \frac{2}{3} > c(U) + c(V) - c(U \cap V)$$

# Smaller example

