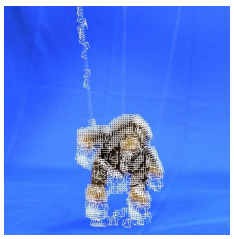
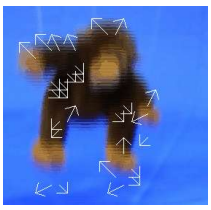
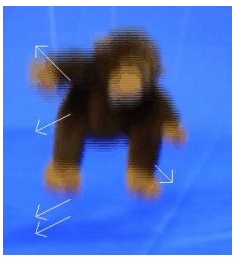
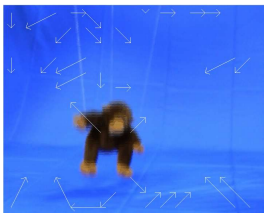
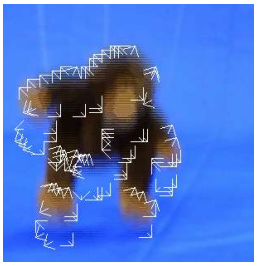
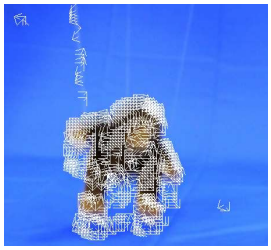
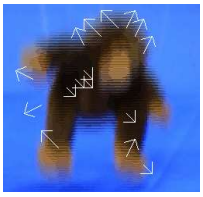
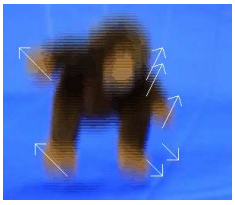
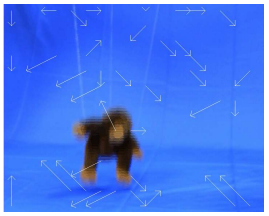
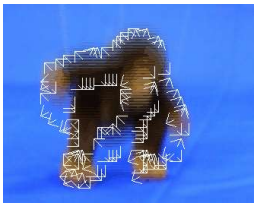
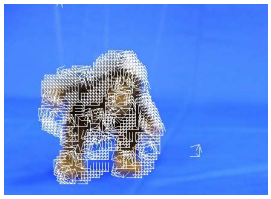
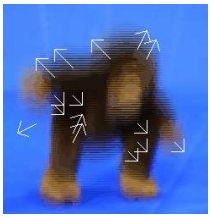
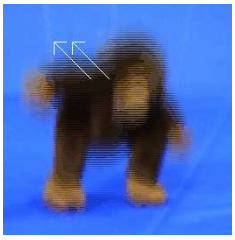
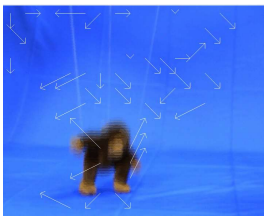
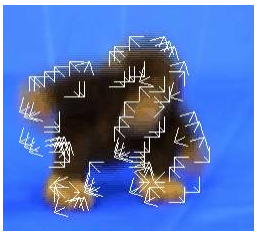
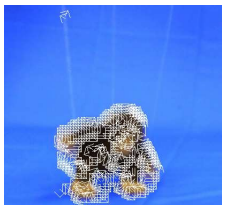
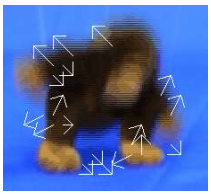
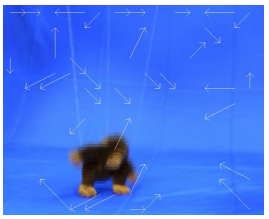
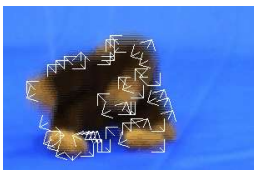
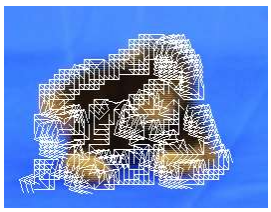
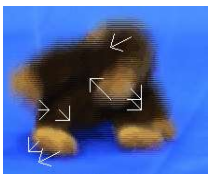
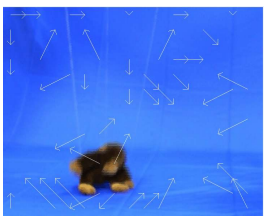
To find the appropriate value for k and t, I experimented with many, many different values. The ones that worked best for me were k=2, and (t_{min}, t_{max}) = (125, 200)

Frame	k=2, t=(125,200)	k=2, t=(30,1000)	k=5, t=(125,200)	k=10, t=(125,200)	k=20, t=(125,200)
1					
2					
3					
4					
5