

CVXPY

take = cp.Variable('len(weights)', boolean=True)

take.

weight_constraint = [weights * take <= total_weight]

total_cost = cost * take

knap_sack_problem = cp.Problem(C

cp.Maximize(total_cost), weight_constraint)

~~total_cost = cost *~~

MIN VERTEX COVER

$e = 7$

$v = 6$