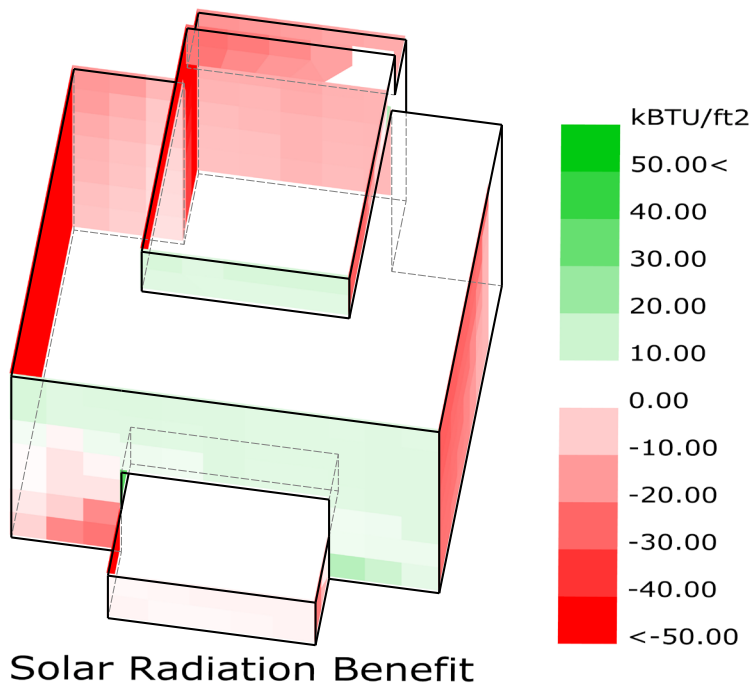


**Assignment-  
07\_Massing\_Meyerson\_Hall**

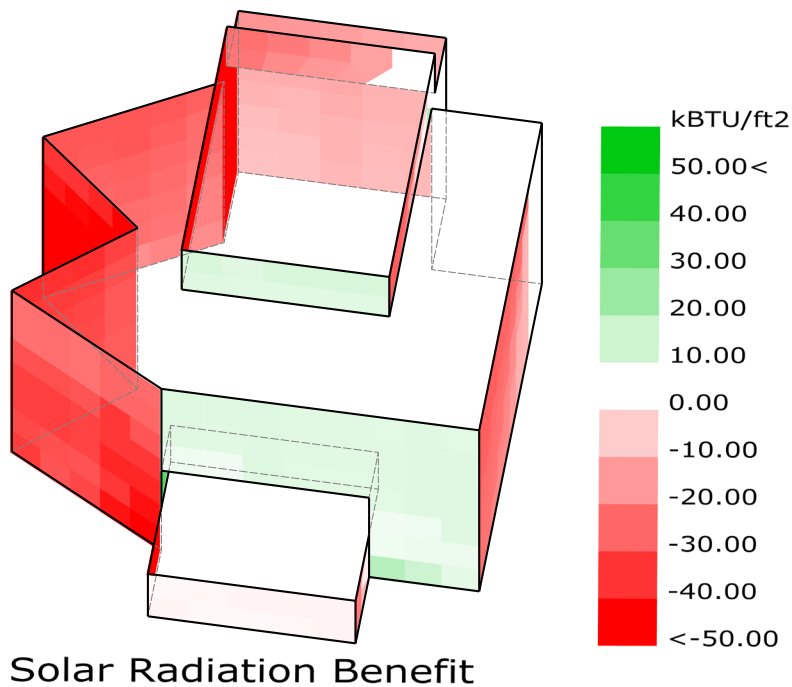
## Meyerson Hall\_Original

Net Solar Value: -9786



## Meyerson Hall\_Iteration 1

Net Solar Value: -10138

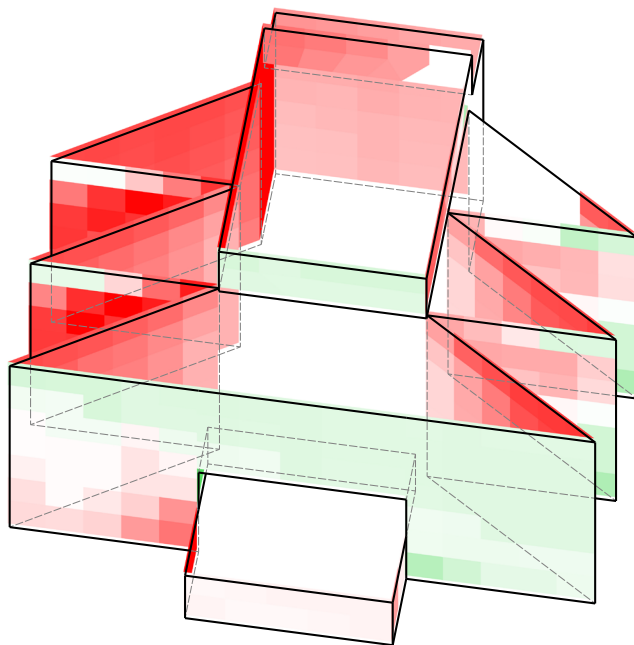


Process of Finding the Optimum Form:

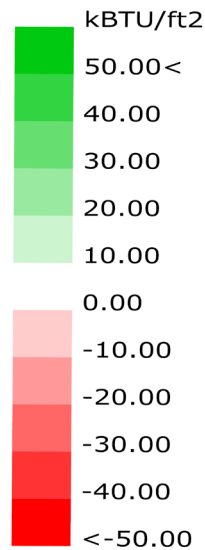
I tried to adjust the angle of the surfaces which were facing west in original design. However, the new surfaces are not facing fully toward north or south, therefore, it does not optimize the form. Besides, new iteration increase the surface of the facade which decreases the value of Net Solar Value.

## Meyerson Hall\_Iteration 2

Net Solar Value: -11568



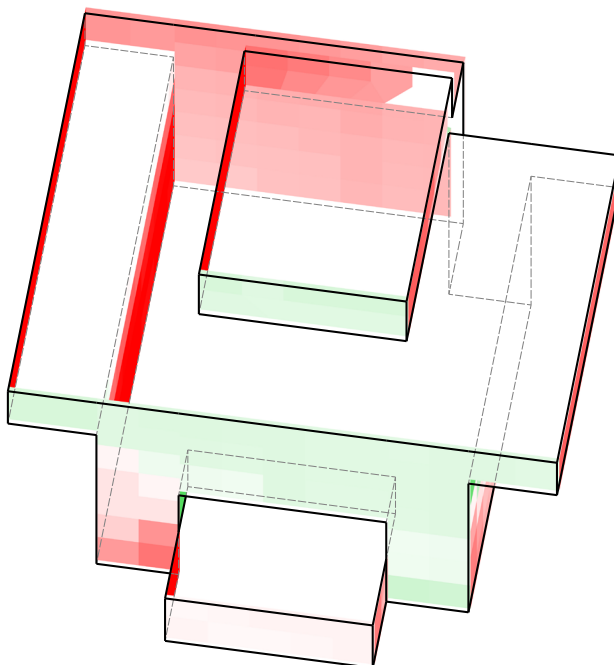
Solar Radiation Benefit



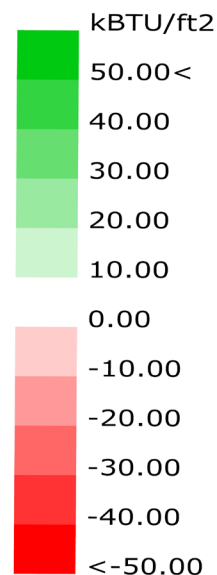
Process of Finding the Optimum Form:  
I adjust the surfaces on west and east elevation.  
However, in this iteration, it increases too many  
areas of the facade surface which at the end dra-  
matically decrease the Net dSolar Value.

## Meyerson Hall\_Iteration 3

Net Solar Value: -6818



Solar Radiation Benefit



Process of Finding the Optimum Form:  
In this iteration, instead of adjust the surface an-  
gle, I create overhang volumes on the west and  
east elevation, which shade the facade beneath  
it. Therefore, it increases the Net Solar Value with-  
out creating too many exposed surfaces to the  
sun.