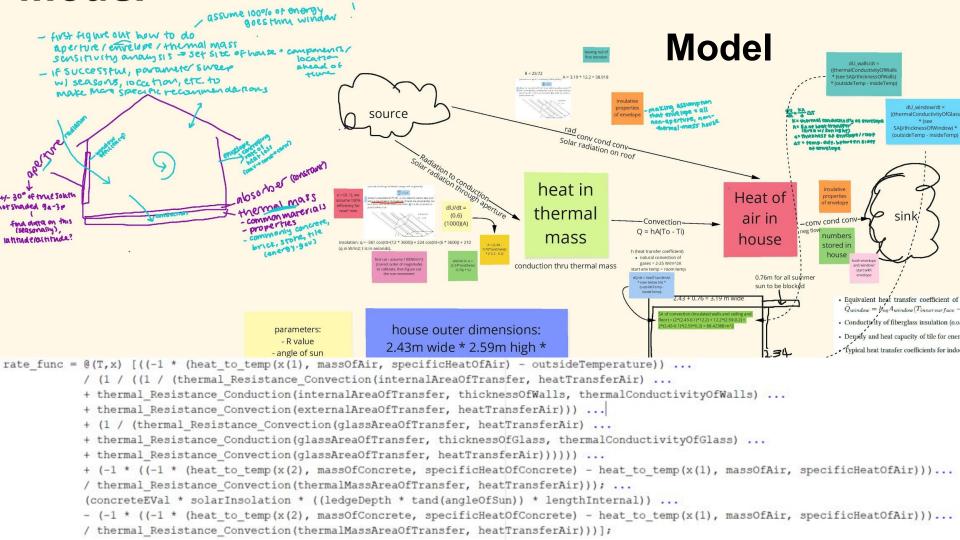
Building a Solar House

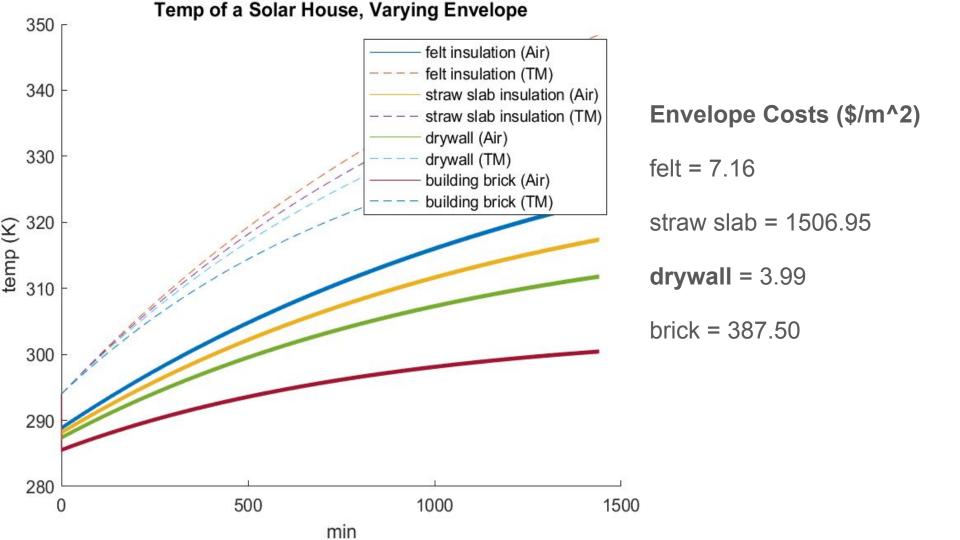


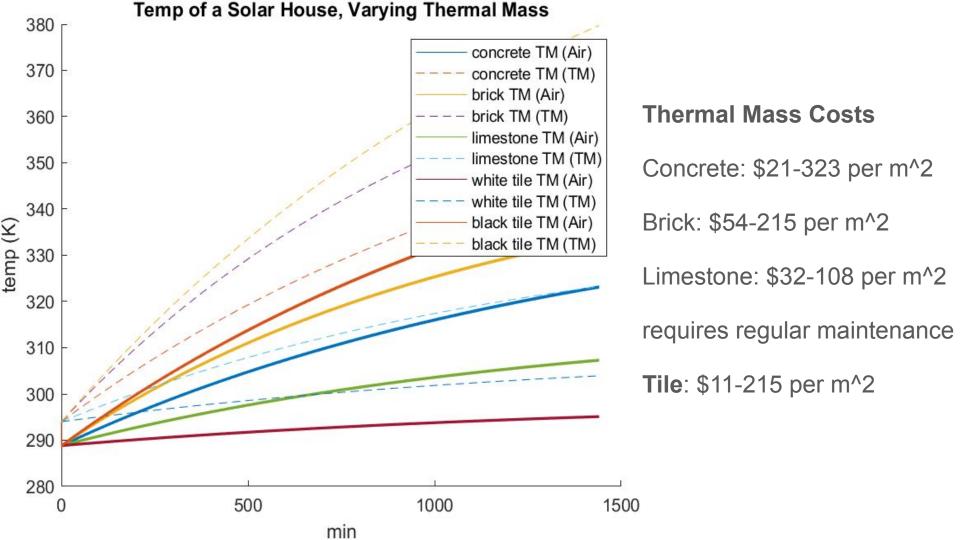
Team 2-13: Andrew DeCandia and Berwin Lan

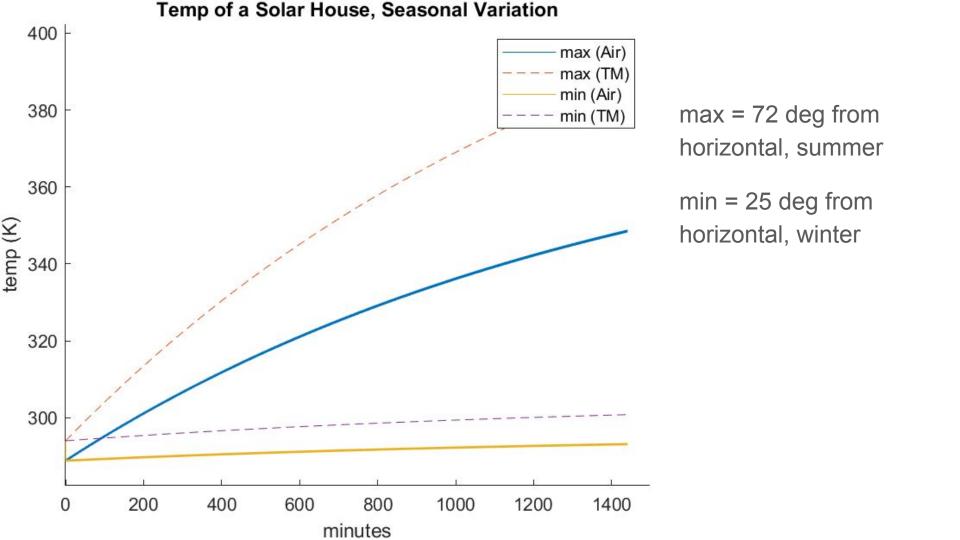
How do we maximize the efficiency of a solar house with the least financial resources?

Considering price, what aspects of a solar home are worth investing in?









Resources

- https://www.smarterhomes.org.nz/smart-guides/design/thermal-mass-for-heating-and-cooling/#:~:text=Concrete%20slab%20floors%20should%20be,won't%20store%20enough%20heat
- https://www.yourhome.gov.au/passive-design/thermal-mass
- https://www.engineeringtoolbox.com/thermal-conductivity-d 429.html
- https://www.engineeringtoolbox.com/solar-radiation-absorbed-materials-d 1568.html
- https://www.pveducation.org/pvcdrom/properties-of-sunlight/calculation-of-solar-insolation
- https://nsrdb.nrel.gov/data-sets/archives.html
- https://www.ncdc.noaa.gov/data-access/land-based-station-data/land-based-datasets/solar-radiation
- https://www.nrel.gov/gis/solar.html
- https://www.energy.gov/energysaver/energy-efficient-home-design/passive-solar-home-design
- https://home.costhelper.com/limestone-tile.html
- https://www.hgtv.com/design/remodel/interior-remodel/average-cost-install-tile-floor
- https://www.concretenetwork.com/concrete/interiorfloors/cost.html#:~:text=Concrete%20flooring%20cost%20ranges%20betwee
 n.a%20high%2Dend%2C%20customized%20floor
- https://www.improvenet.com/r/costs-and-prices/brick-paver-flooring
- https://www.homedepot.com/p/USG-Sheetrock-Brand-1-2-in-x-4-ft-x-8-ft-Ultralight-Gypsum-Board-14113411708/202530243
- https://www.homeadvisor.com/cost/walls-and-ceilings/install-a-brick-stone-or-block-wall/
- https://www.grainger.com/product/ROXUL-4-in-x-48-in-x-24-in-Mineral-19NE80
- https://www.buildingwithawareness.com/cost/