

## *Discrete Math Exam Problem: Boolean functions*

Let  $F$  be the set of all functions with domain  $\mathbb{N}$  and codomain  $\{0,1\}$ .  
Is  $F$  countable? Prove your claim.

Remember to also upload a short video of yourself explaining your solution. Either visit <http://flipgrid.com/hdxdiscrete> and choose this problem from the list of problems, or go to the course website and click the FlipGrid logo next to this problem in the course calendar.