

Honors Homework 7:  
Buddy can you spare a dime?

CMSC 250H

Due Date: Monday March 29, 9:00AM, NO DEAD CAT

What is the coefficient of  $x^{2021}$  in the Taylor Expansion of

$$\frac{1}{x^8 - x^7 - x + 1}.$$

Do by hand (NO programming) and show your work.