University of Central Florida

Department of Computer Science

CDA 5106: Fall 2020

Machine Problem 2: Branch Prediction
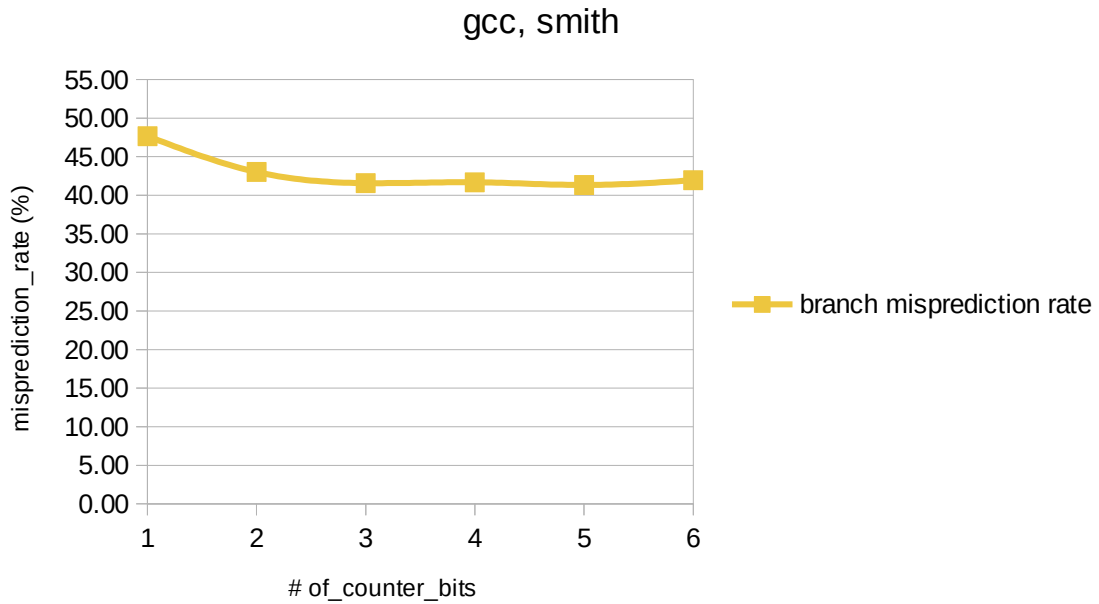

by

RAJ DILIPBHAI PAREKH

PART 1: SMITH N-BIT COUNTER PREDICTOR GRAPH
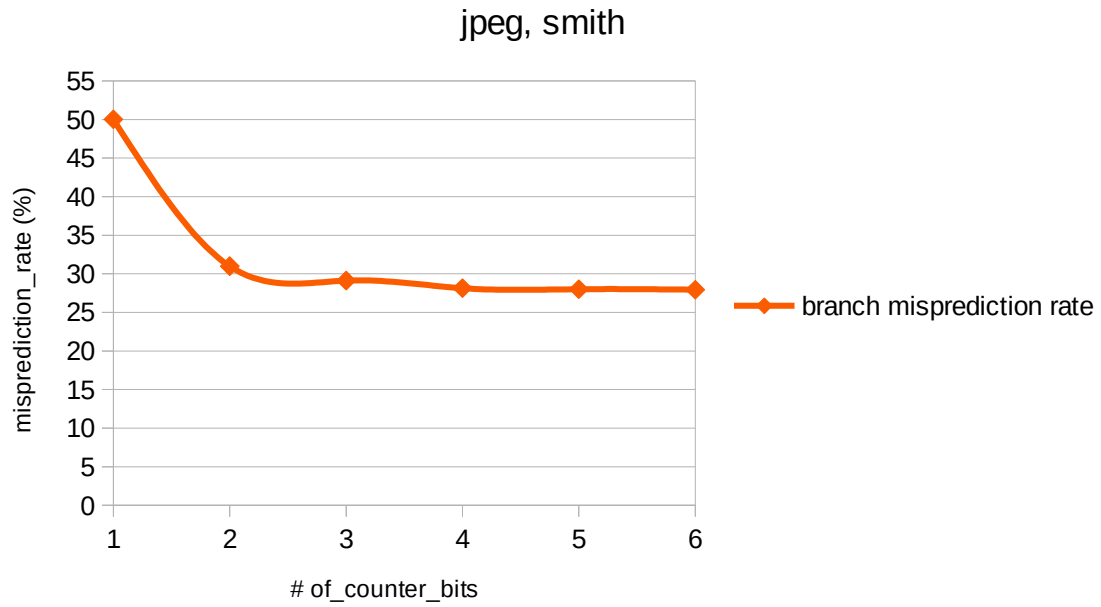
a) gcc, smith

gcc, smith

b) perl, smith

perl, smith
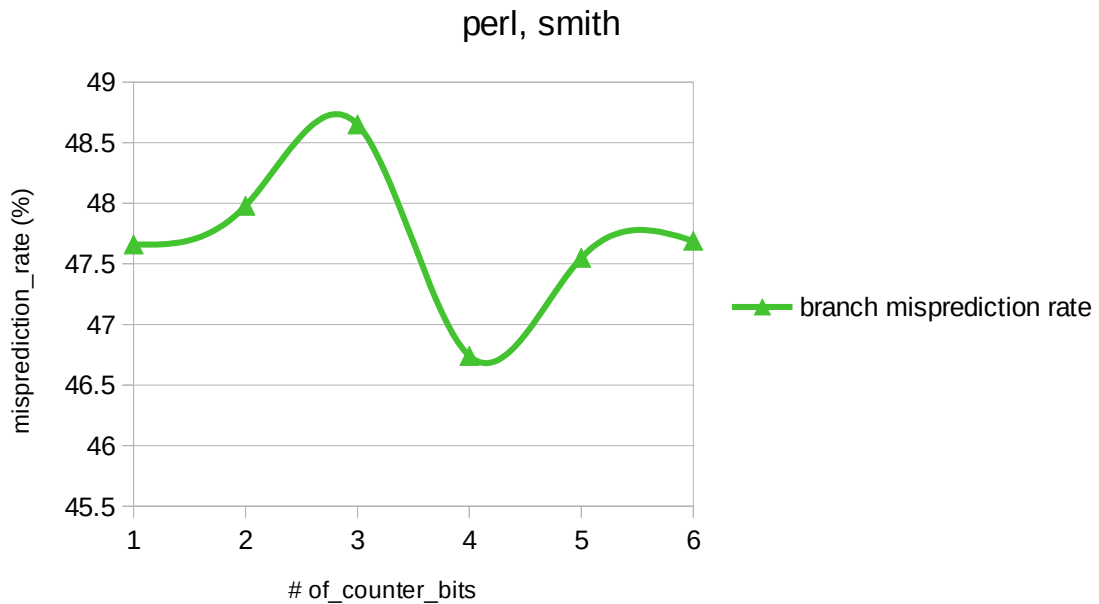
c) jpeg, smith

jpeg, smith

PART 2: BIMODAL PREDICTOR GRPAH

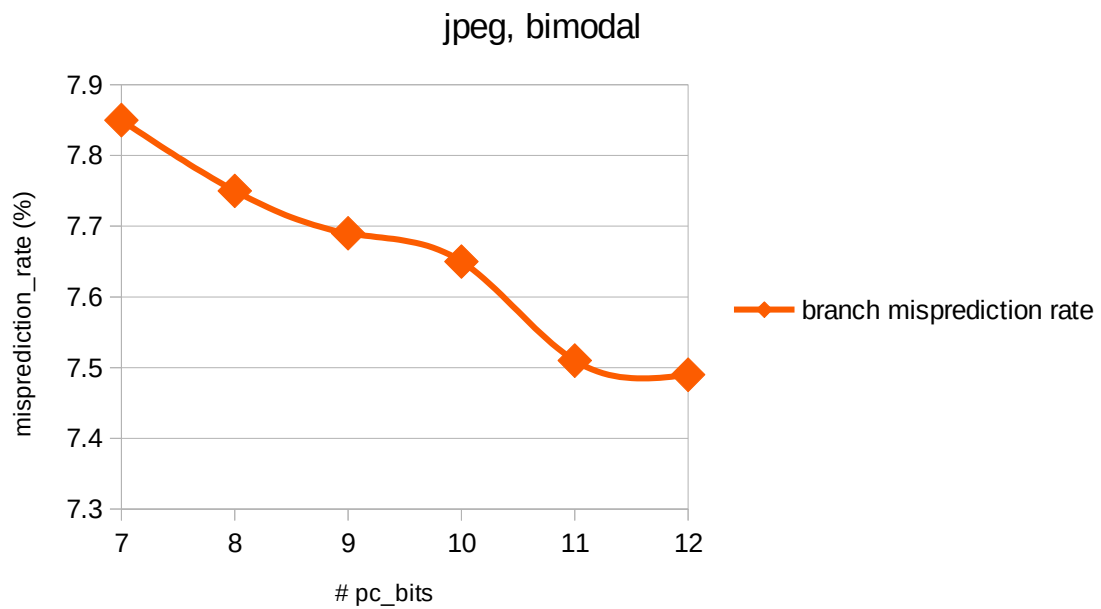a) gcc, bimodal

gcc, bimodal
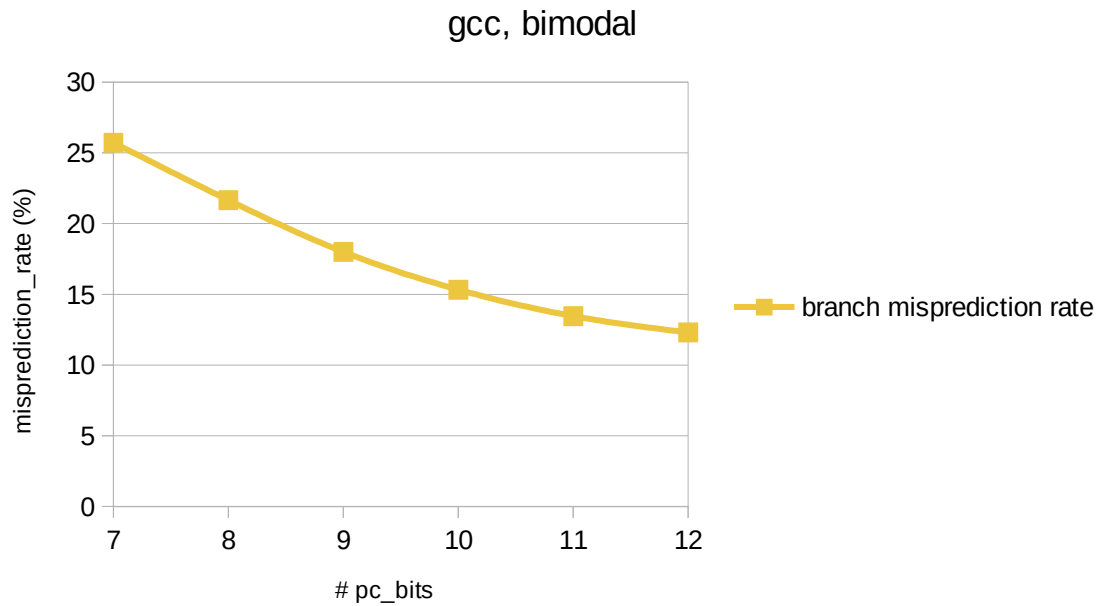
b) perl, bimodal

perl, bimodal
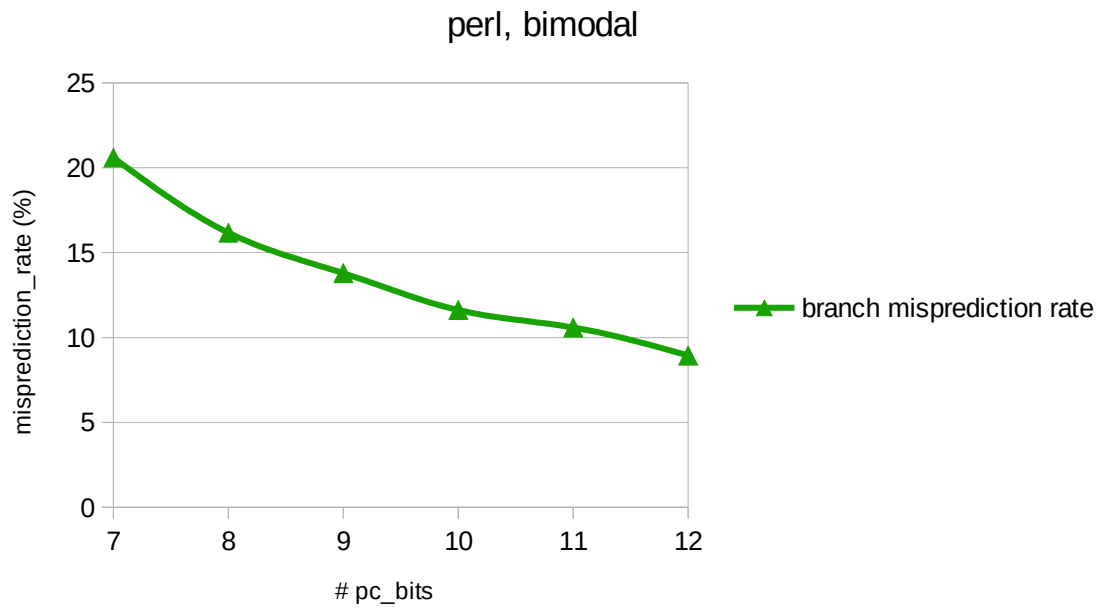
c) jpeg, bimodal

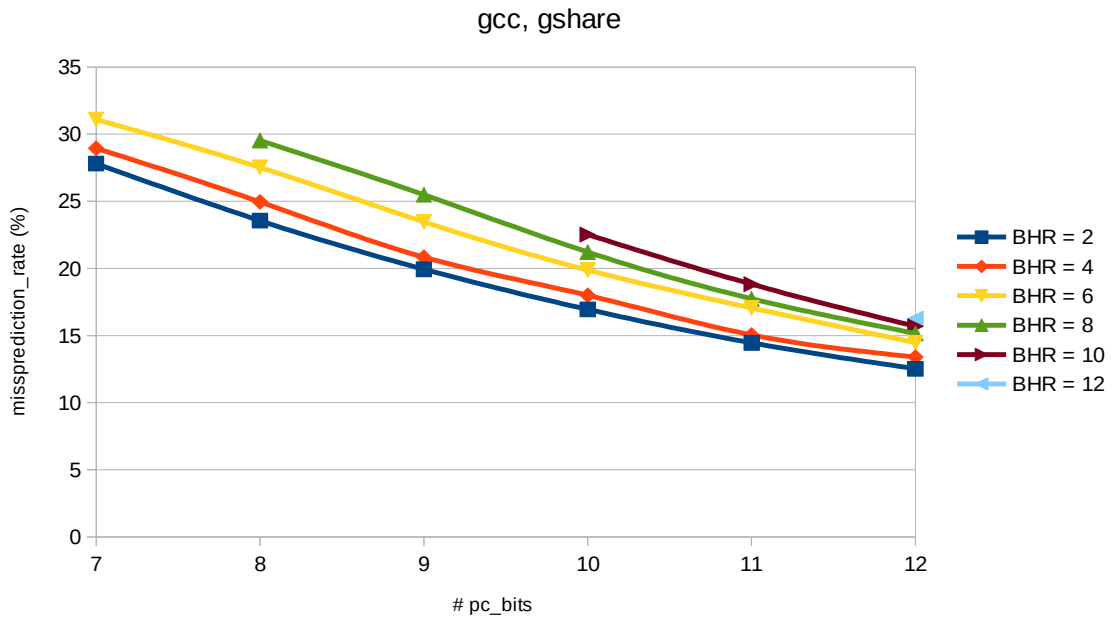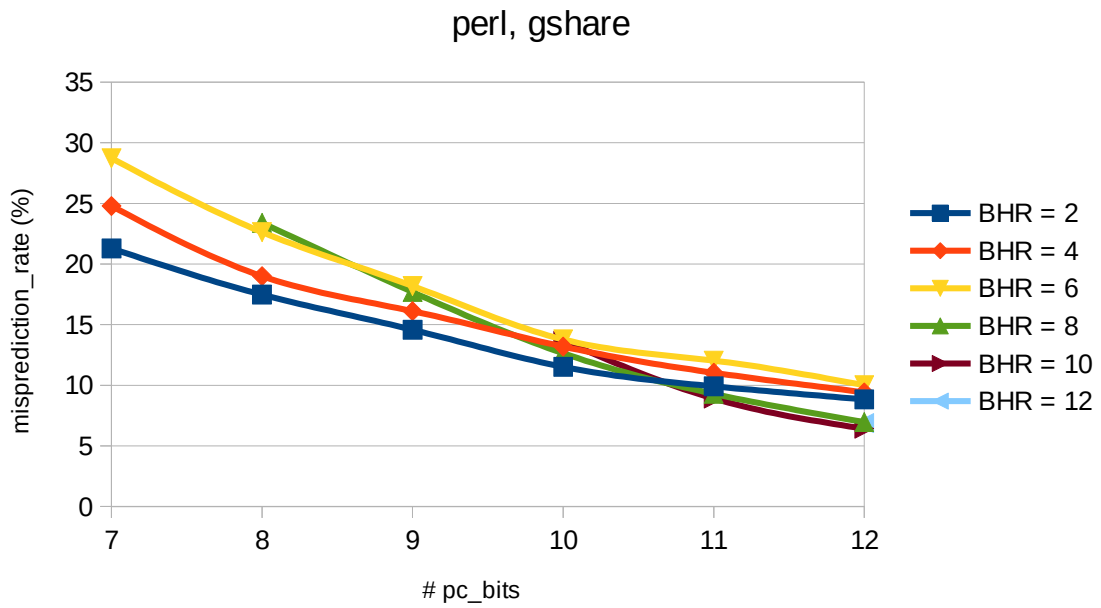## jpeg, bimodal

PART 3: GSHARE PREDICTOR GRAPH

a) gcc, gshare

gcc, gshare

b) perl, gshare

perl, gshare

c) jpeg, gshare

jpeg, gshare