1411e Dan Aune 9/23/18

Problems : 2,11F, 2,12 extra : 2,15 a-c

Chapter 2 excerciscs econstant groups

2.1f: Example: \$\frac{1}{2},\frac{1}{2}\left\{\frac{1}{2}

num -> 1/2/3/4/5/6/7/8/9

2.12

a) This language represents a sequence of a's and b's

b) abare

int > 0 1 num

AM therefore not LLUI. As shown

S in the tree above A top down

G parser (ould not have made the

duislan to map E>E or E>DA.

It would have had to look forward

to see what came next

2.15 a-C a) This grammar discribes a string with Pairs of balanced () parentheses, but right I brackets that close multiple left (parentheses, b) 1 (E(J() (T(J() (LJ() EN() GN() (F(6) G(E) GB G () Right derevation (work the lest problem beculiards) G>GB => G(E) => G() SGNCI うらくしろしょ シの(LC)() う (()() G = (()() (JC)) C