

PUSH ( 0, 1, 1, x) if (Q, is empty) EQ (O2, X) 7 0(1) else POP (Q1, 02) if ( ) is empty) while ( Og hot Contain 1- element) x = DO (Q2)  $E\phi = (\phi_{1,2}n)$ 4= DA (Q2) rehm (y); else while (B), not 1-elemen x2 DØ (Q1) Ed = (02/21) y= pa (a1) return (x);