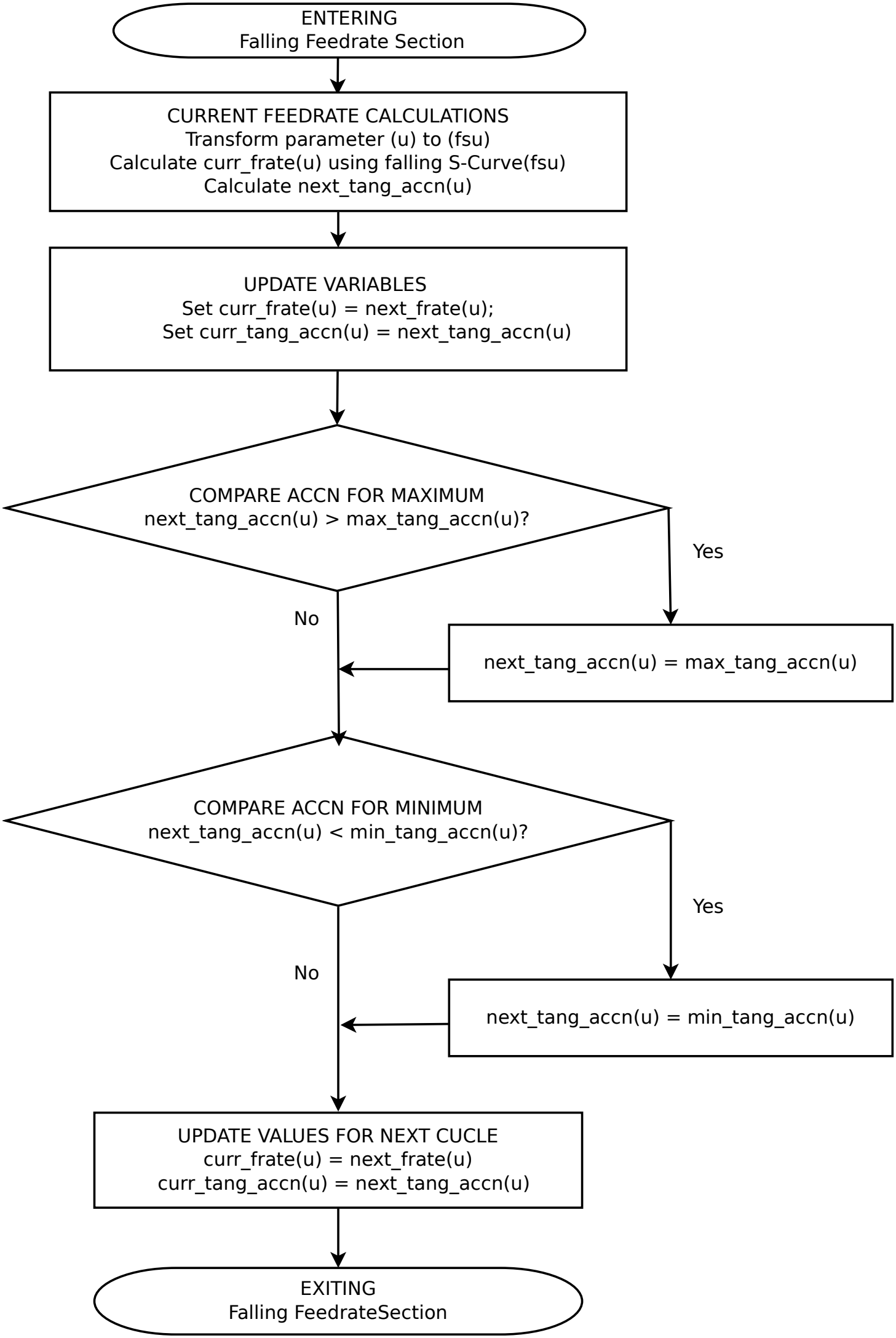
ENTERING
Falling Feedrate Section
CURRENT FEEDRATE CALCULATIONS
Transform parameter (u) to (fsu)
Calculate curr_frate(u) using falling S-Curve(fsu)
Calculate next_tang_accn(u)
UPDATE VARIABLES
Set curr_frate(u) = next_frate(u);
Set curr_tang_accn(u) = next_tang_accn(u)
COMPARE ACCN FOR MAXIMUM
next_tang_accn(u) > max_tang_accn(u)?
Yes
No
next_tang_accn(u) = max_tang_accn(u)
COMPARE ACCN FOR MINIMUM
next_tang_accn(u) < min_tang_accn(u)?
Yes
No
next_tang_accn(u) = min_tang_accn(u)
UPDATE VALUES FOR NEXT CUCLE
curr_frate(u) = next_frate(u)
curr_tang_accn(u) = next_tang_accn(u)
EXITING
Falling FeedrateSection