## BOUNDARY VALUES

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depicted below. The interesting feature about this town that the single worker who lives in each house has an house wage that is equal to the average hourly wage of the 8 workers who live adjacent to that house. of houses from an average midwestern community hourly ე.

\$16	\$14	\$12	\$10
\$ 9			\$12
\$7	· · · ·	-v	\$14
\$3	\$7	\$ 9	\$16

outer edge of a small section of this program to determine the wage rate of the 4 interior houses. given the wage rates for the workers living the workers neighborhood. living Write a on the

change then interior HINT: less than \$.01). interior compute the average of the 8 Initially assume that the interior wage rates are between house. house. successive calculations is very Assign Repeat this averaging computation until the this new value to the wage at houses surrounding small each zero

FOR X=1 70 10

C(X) = (A(X) + B(X)) 1 2

NEXT X