The squares can be divided into three states 0 -> corner squares 17 edge squares 2 Interior squares. for each equare (i,i) Pijj= { des (i) ib jes a neighbour ob i' otherwise. det the stationary state be TT So, TP=TT John Sime Pij = Ag (i) i for rundhelper a si C so Tix deg (i) Total degree = 4×3+ 24×5+ 36×8 = 420 Corner cells Edge cells Interior cells

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For corner cells TT cornercells = 3 = 1 (per cell) For edge cells that are not corner cells The dege cells = 5 = 1 (per cell) For interior cell Therefor cells = 8 = 1 (per cell) (per cell)		Date:
for interior cell Tinterior cells = 8 = 1 420 52.5	For corner cells Tomercells=	3 = 1 (pw -
for interior cell Tinterior cells = 8 = 1 420 52.5	for edge cells that are not corner	alls = [] (per cell)
		8 = 1