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	WOOKS fine for d-asy heaps; the problem is MAX- HEAPIFY. Here we need to compare the asgument mode to all its children. This takes O (d log in) and dominates the overall time spent by HEAP-EXTRACT-MAX.
(4)	The MAX-HEAP-INSERT given in the text works fine as well. The worst case running time is the height of the heap, that is $\Theta(\log n)$.
20	The HEAP INCREASE KEY algorithm given in the
(8)	D-ARY- HEAP-INCREASE-KEY (A,i,K) A[i] max(A[i], K) While i7 and A [PARENT(i)] do exchange A[i] A[PARENT(i)] i PARENT(i)
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