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new = { k | k = compare (sub)[...], sus 2 C...]} Axi = Ax. replace (new) TS2: 1. Subseguera pidur lugut: Ax[i:] s.t. OSi</Ax n= 31,2,4, ... ng and AxC;...]. seavena = fake EN +i: iJxA = 1 due Sus 2 = Ax(is n+1; 1+2n) Ax+1 = Ax [i+ subl]. sequence = 1 And Ax[i+ sur2]. sequence =2 2. Sussemence Nerger Imput: Ax s.t. 3 k & Ax and k. sequence = 1
and 3 l & Ax and l. Sequence = 2 Sub 1 = { ACi] | ACi]. seavene = 1} sus 2 = { ACIJ | ACj). summe = 24 new = > k | k = compare (sub) [...], sus 2 C...]) Axi = Ax. replace (now) A) and A2 are both more civilar to mergesor + than either is to butble soft. Do they bear similarities) Us. Both one similar to merge soft: the key component of both is merging alwesty-softed seavenes. AL is, in gad, merge sort - with the lade of the constraint that ships over testing for dready sorted sequences. At is more althe in the sense of picting sorked secures, although the minimum unit for sorting & not, here, a one-length cusarray.

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