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Proof of a Conjecture of Neil Sloane Concerning Claude Lenormand's ``Raboter" Operation (OEIS sequence A318921)

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Dedicated to Neil James Alexander Sloane (born Oct. X, MCMXXXIX) on his turning 1001111 years young (100101 days late)

Yesterday, Neil Sloane gave a great talk [part 1 , part 2], where among many other fascinating results and open problems, he mentioned a conjecture that he made less than two months ago, concerning the ``planing" operation (raboter) introduced in 2004 by sequence enthusiast Claude Lenormand, and described in OEIS sequence A318921 . He also mentioned that he has no idea how hard it is to prove, and made a a `meta-conjecture' that it may be a `low-hanging fruit'. Here I show that both conjecture and meta-conjecture are true.

This article is accompanied by a short maple code RABOT.txt

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