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Notam pt = qt + C, unde C va fi cel pentru care dispare termenul liber:

Recurenta devine:

Cautam Y si Z astfel incat:

=> Y si Z sunt radacinile ecuatiei: x2 – mx + n = 0

Notam apoi ut = qt – Yqt-1

Notam qt = vt + D unde D e ales incat sa dispara termenul liber: