
Perfect powers in products of terms of an EDS

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Let $B = (B_n)_{n=0}^{\infty}$ be an elliptic divisibility sequence and consider the diophantine equation

$$B_n B_{n+d} \cdots B_{n+(k-1)d} = y^l$$

in variables n, d, k, y, l . In this talk we will discuss the solution of the above equation. Further, the working of our method will be presented through several concrete examples. Several comments on the efficient computation will also be given.