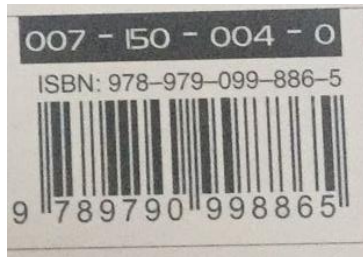


Haikal Alif Ramadhan

A11.20201.2925

MATEMATIKA DISKRIT



A11.2020.12925

No. 15BN
Date.

Haikal Alif Ramadhan

① $978-~~623~~-623-7100-33-1$ (13)

$$= 9^1 7^3 8^1 6^3 2^1 3^3 7^1 1^3 0^1 0^3 3^1 3^3 \times 1^1$$
$$= 9 + 21 + 8 + 18 + 2 + 9 + 7 + 3 + 0 + 0 + 3 + 9 + 1$$
$$= 8990$$

~~$8990 \bmod 10 = 0$~~

~~$10 - 0 = 1$~~

~~Jadi $978-623-7100-33-1$ adalah ISBN yang valid~~

$= 90 \bmod 10 = 0$

$= 90 = 10 \times 9$ (tidak ada sisa)

$= \text{Valid}$

② $978-979-099-886-5$

$$= 9^1 7^3 8^1 9^3 7^1 9^3 0^1 9^3 9^1 8^3 8^1 6^3 5^1$$
$$= 9 + 21 + 8 + 27 + 7 + 27 + 0 + 27 + 9 + 24 + 8 + 18 + 5$$
$$= 189190$$

$= 189190 \bmod 10 = 0$

$= 190 = 10 \times 19$ (tidak ada sisa)

$= \text{Valid}$