



**RIGA NORDIC
UNIVERSITY**

Riga Nordic University



**СУМСЬКИЙ ДЕРЖАВНИЙ
ПЕДАГОГІЧНИЙ УНІВЕРСИТЕТ
ІМЕНІ А.С. МАКАРЕНКА**

**Sumy State Pedagogical
University named after
A. S. Makarenko**

**THE EDUCATIONAL ECOSYSTEM
OF INFORMATICS: CONTENT,
METHODOLOGY,
AND DIGITAL SOLUTIONS**

Scientific monograph



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