

Figure 1: Collapsing of nodes u and v by **ROEE**:
 (a) Initial tree-like derivation / **DLDS**;
 (b) Compression Rule **ROEE**;
 (c) Matching of **ROEE**;
 (d) Resulting **DLDS** after collapse.

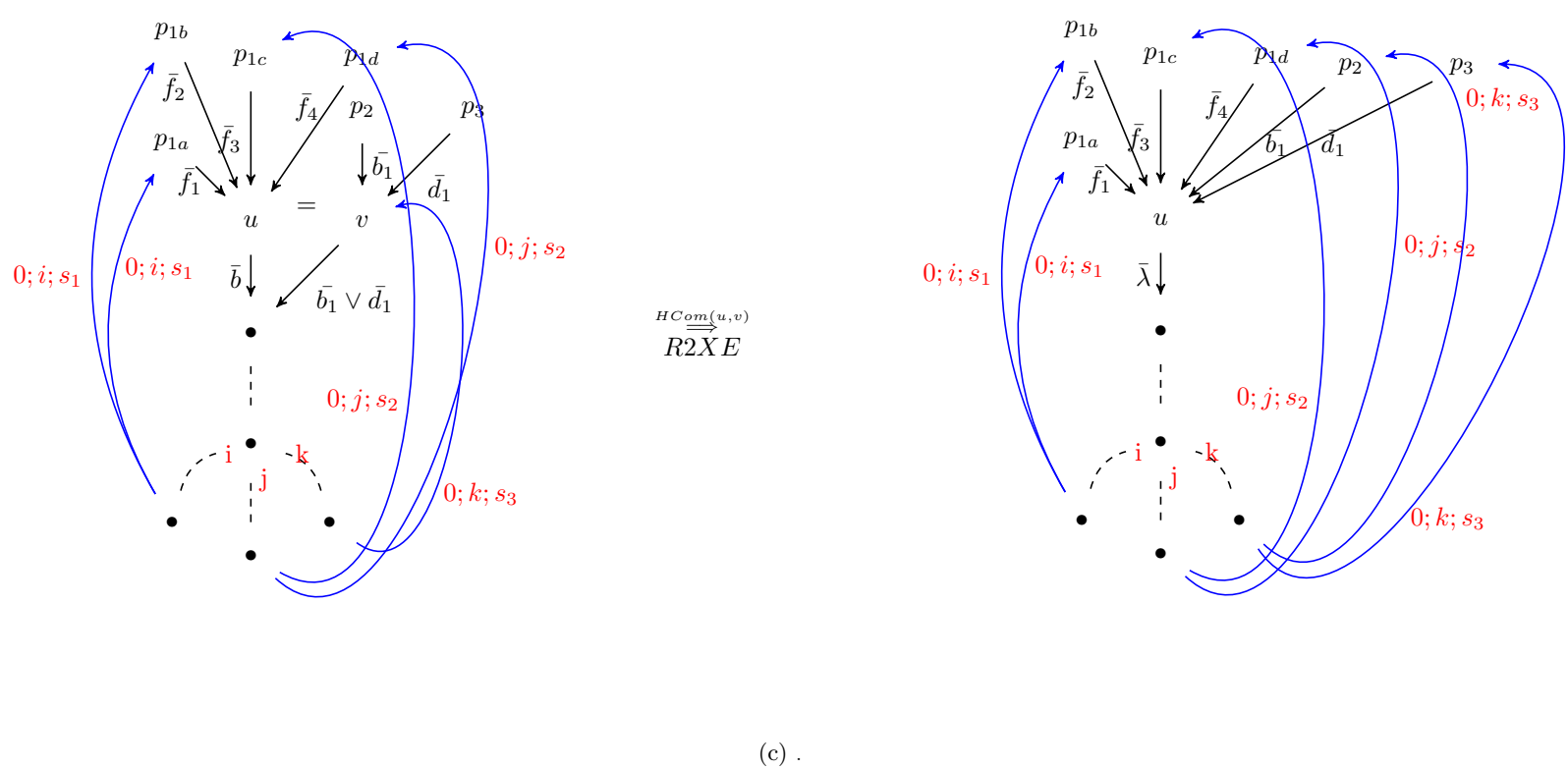
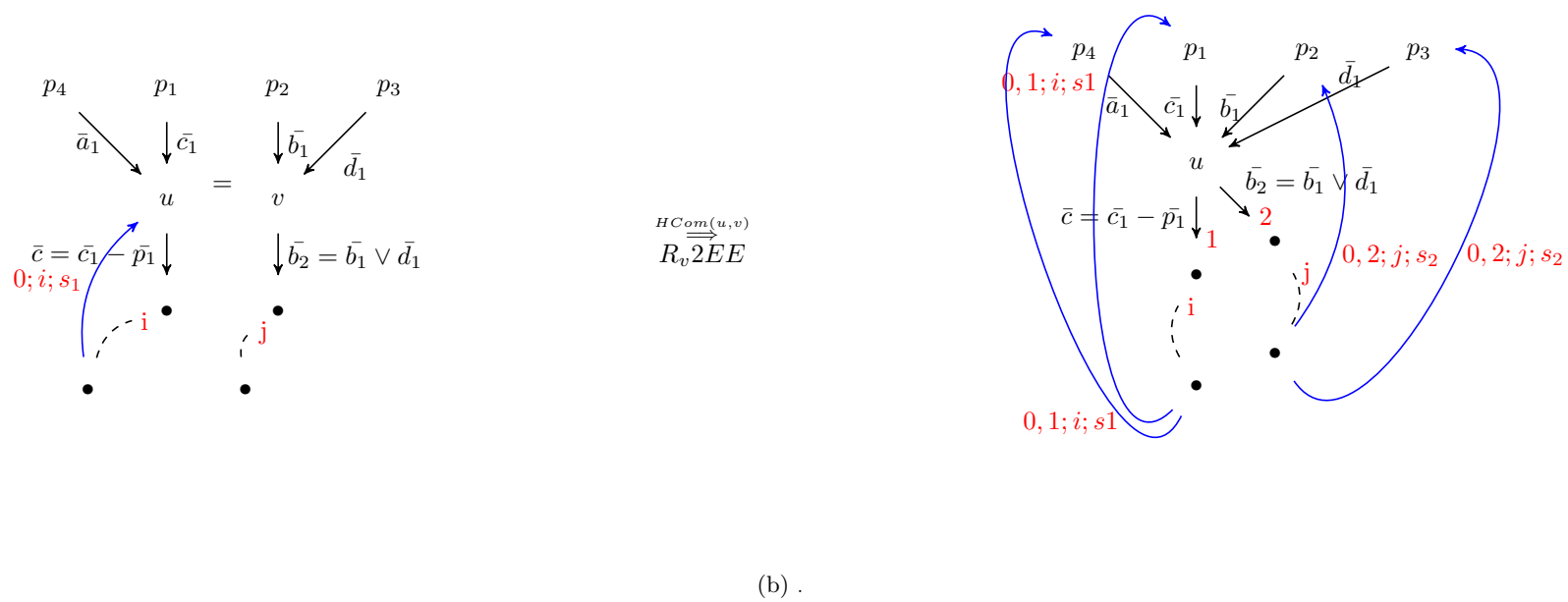
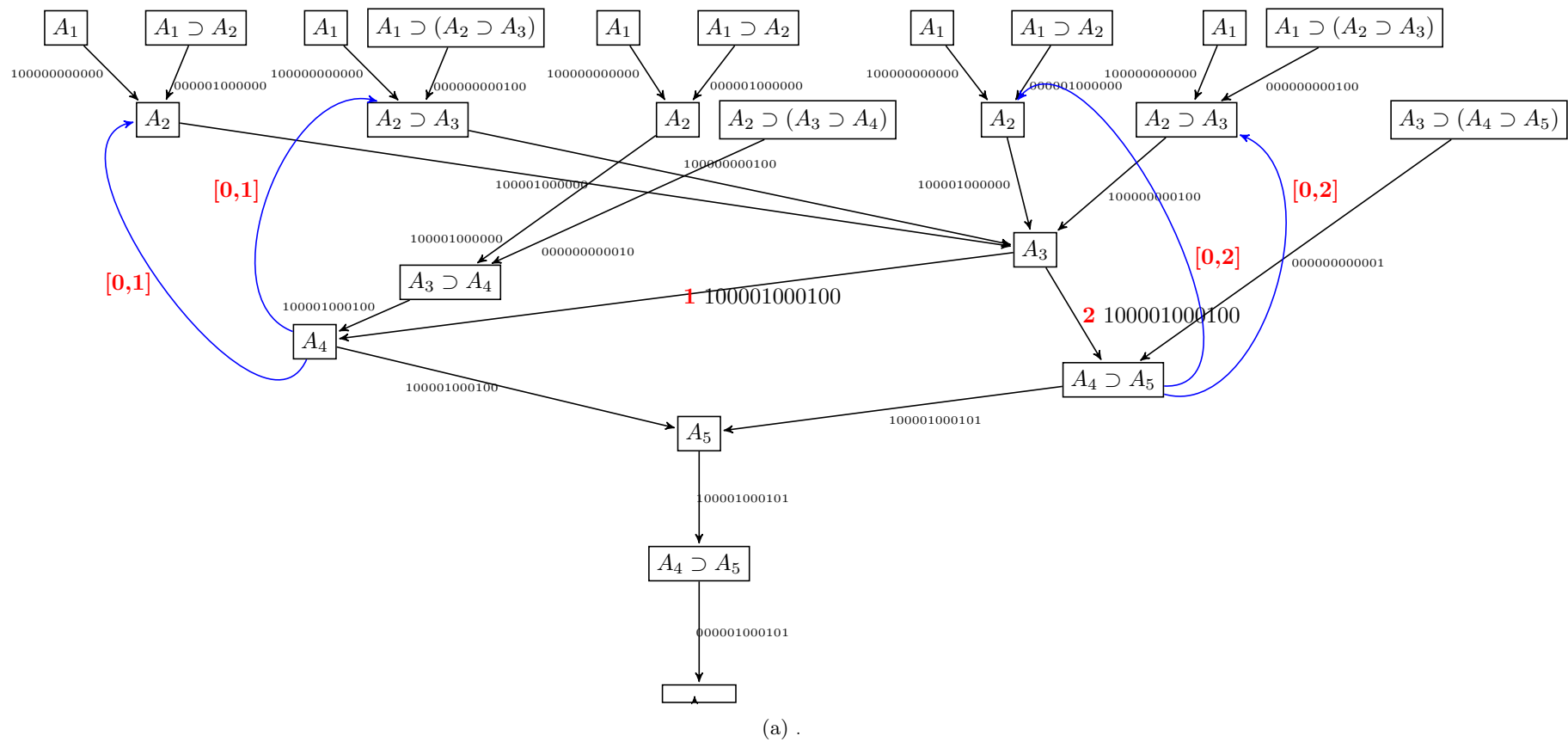


Figure 2: Second series of collapses (Part 1):
(a) Defocused **DLDS** at 1d;
(b) Compression Rule **R_v2EE**;
(c) Compression Rule **R2XE**.

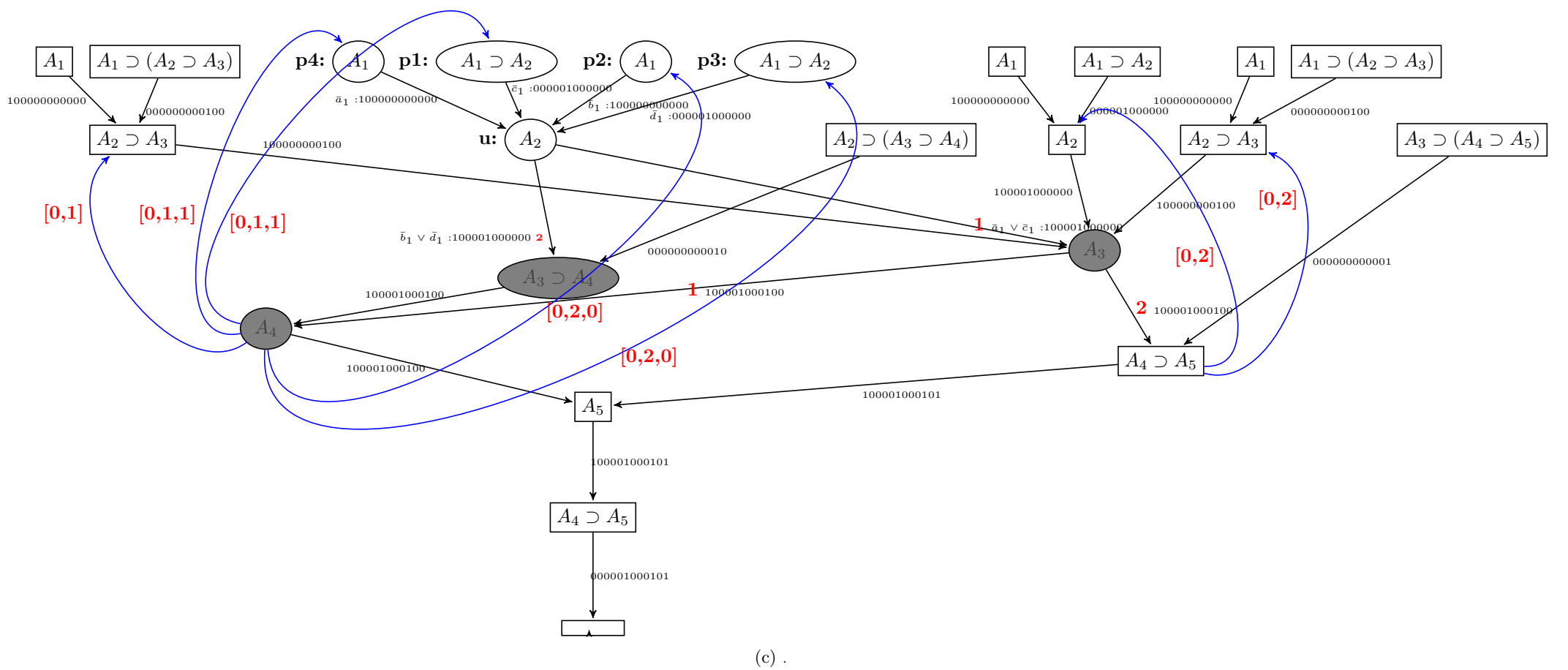
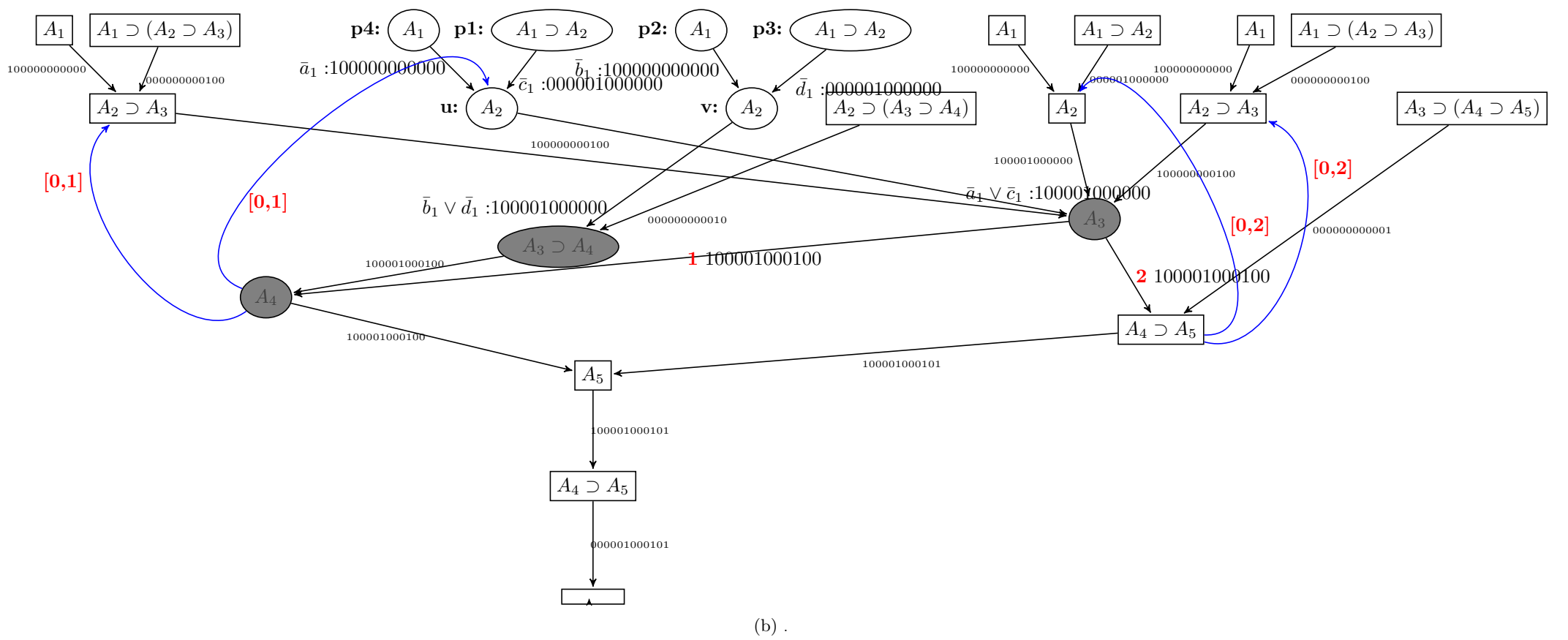
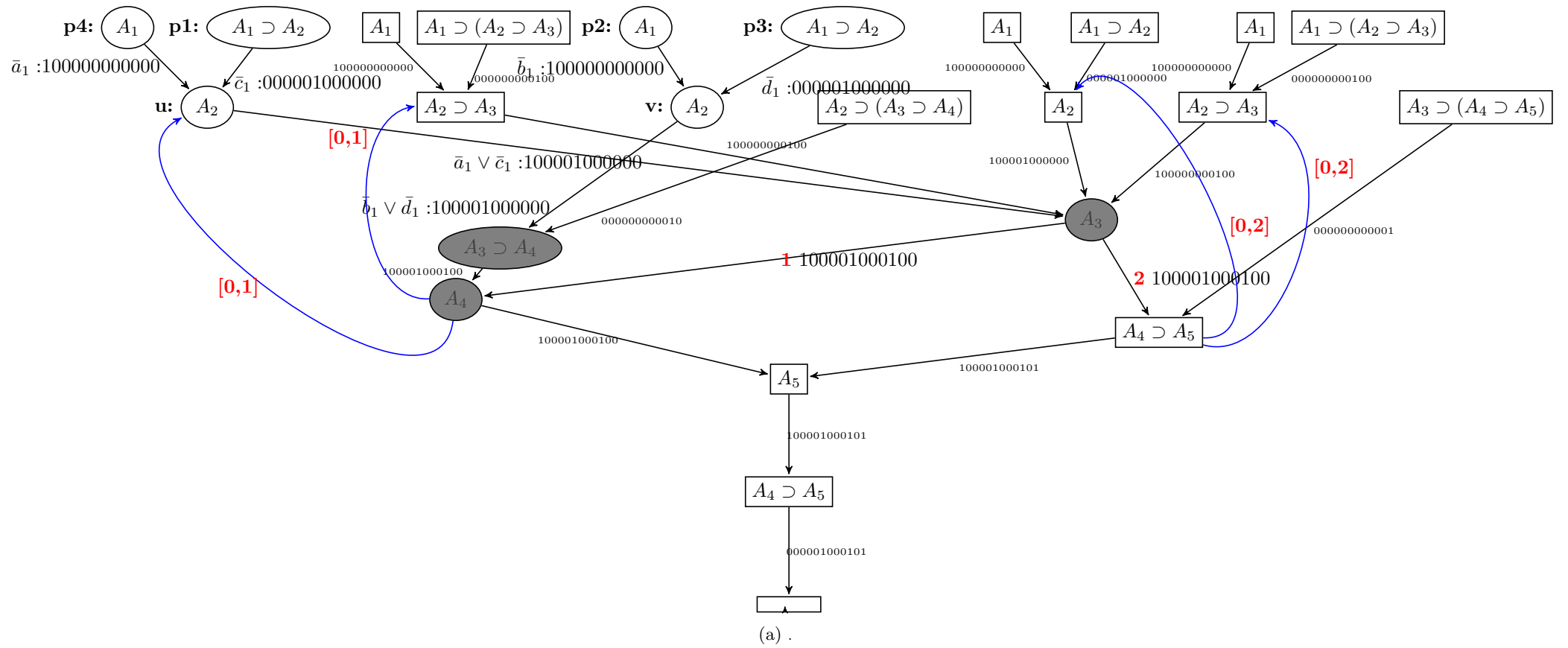


Figure 3: Second series of collapses (Part 2):
(a) Matching of $\mathbf{R_v2EE}$ to the \mathbf{DLDS} at 2a;
(b) Rearrangement of the \mathbf{DLDS} at 3a;
(c) Resulting \mathbf{DLDS} after applying $\mathbf{R_v2EE}$ to the \mathbf{DLDS} at 3b.

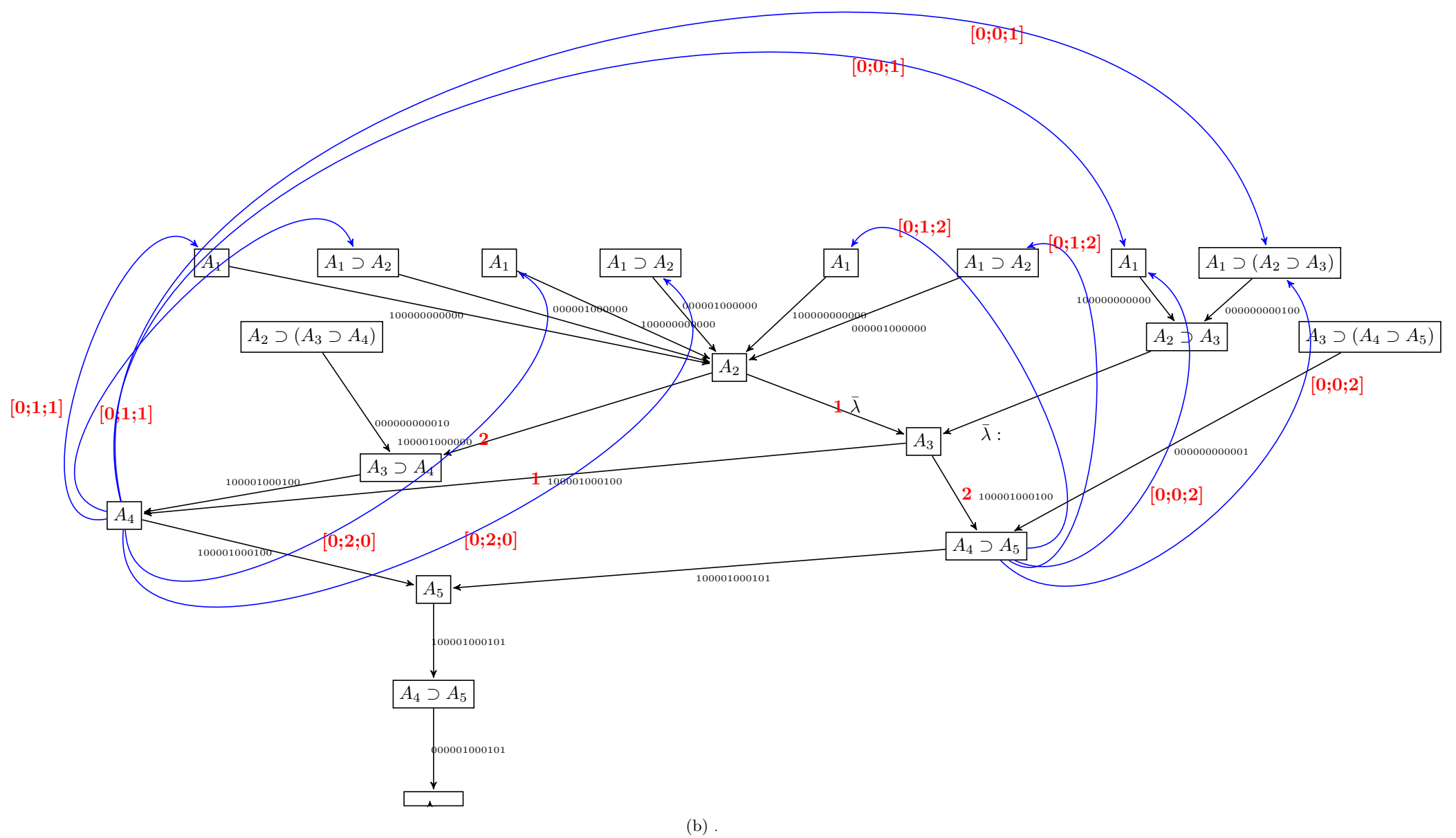
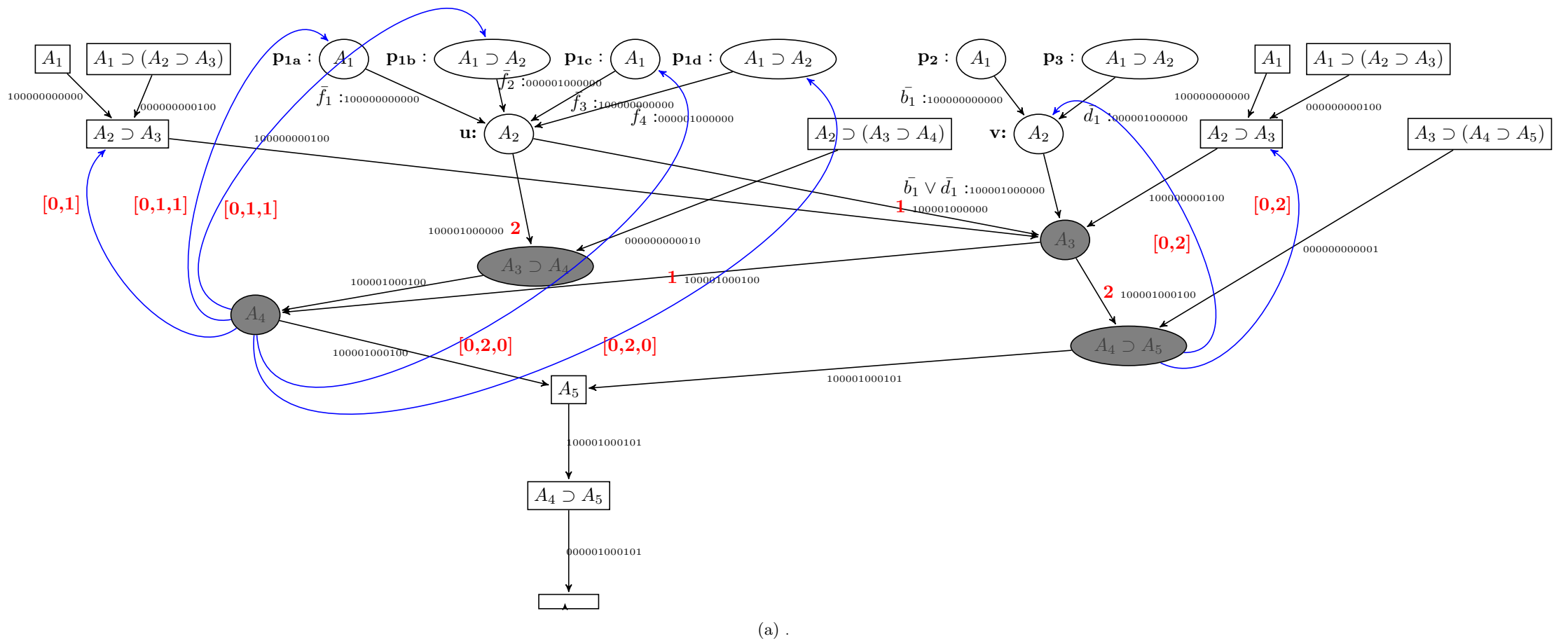


Figure 4: Second series of collapses (Part 3):
(a) Matching of **R2XE** to the **DLDS** at 3c
(b) Resulting **DLDS** after applying **R2XE** and **Re2EE**.