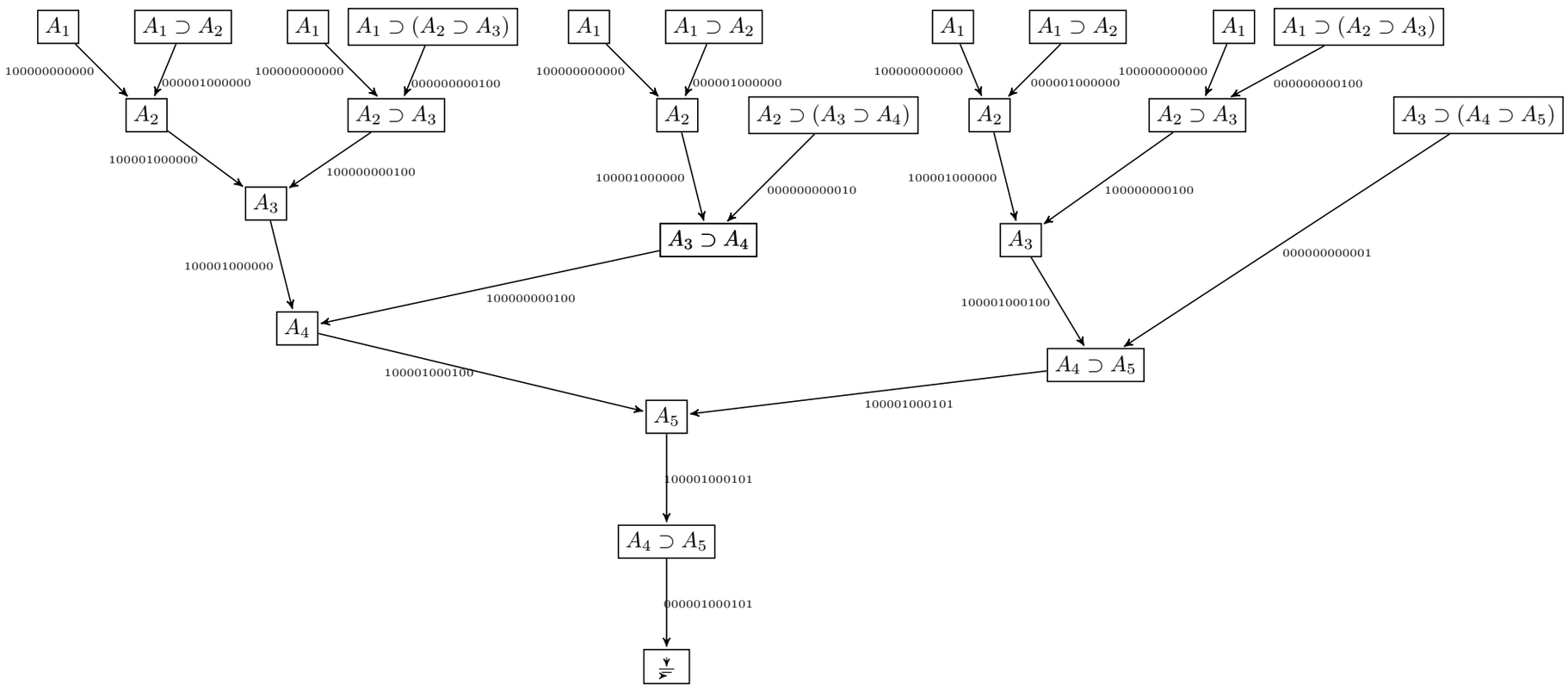
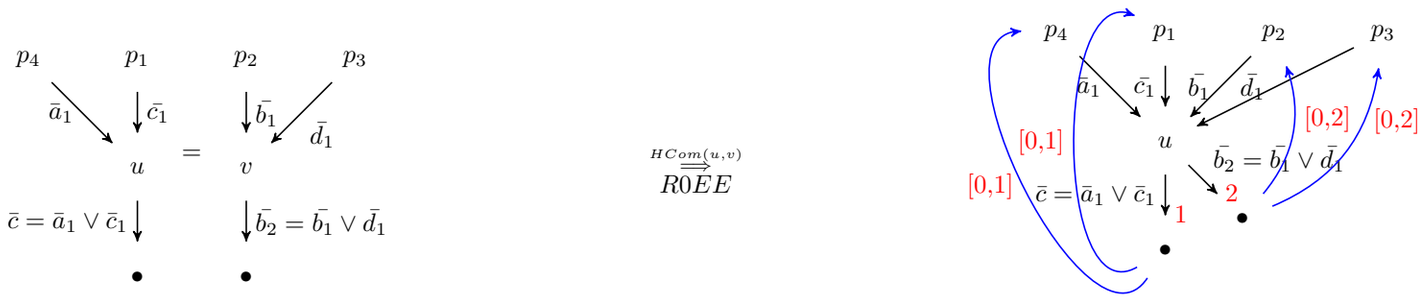
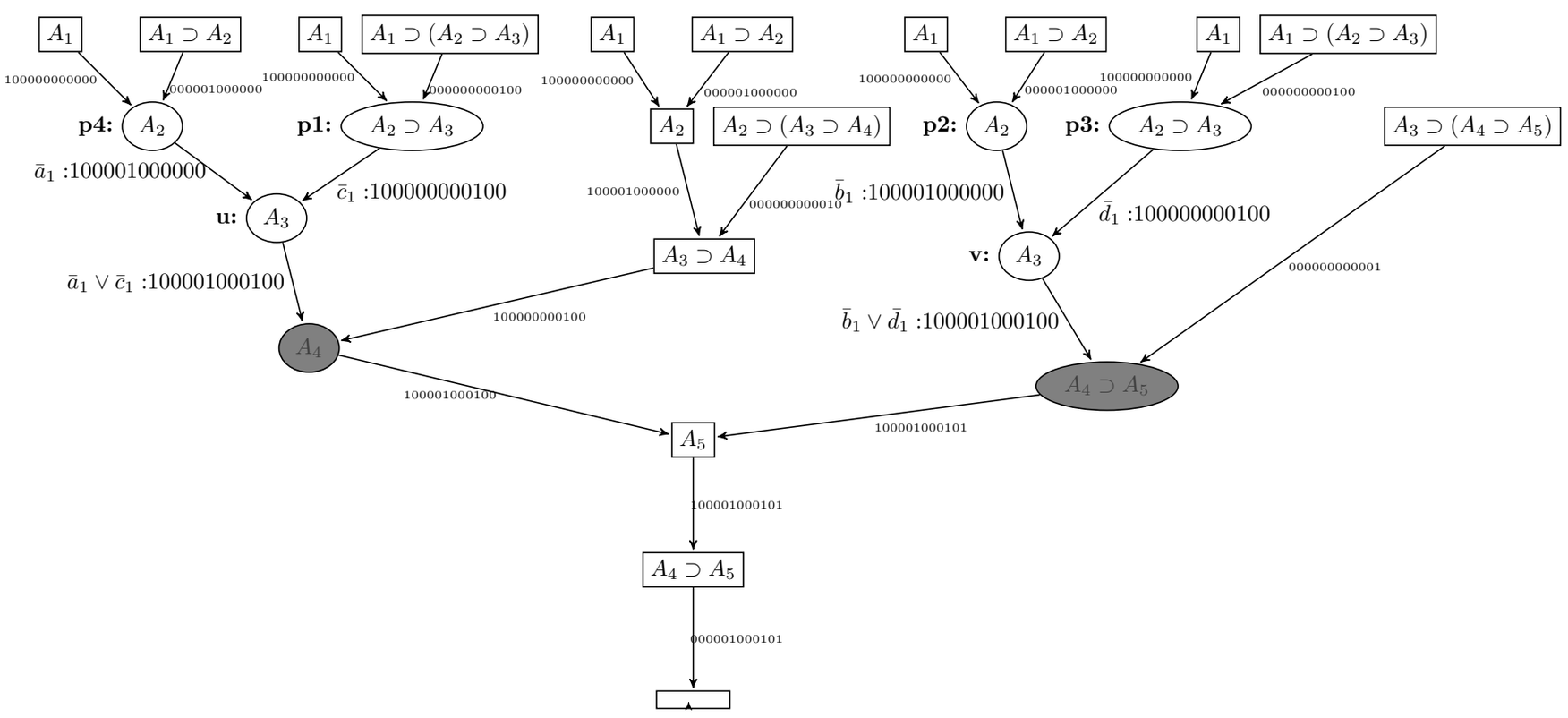


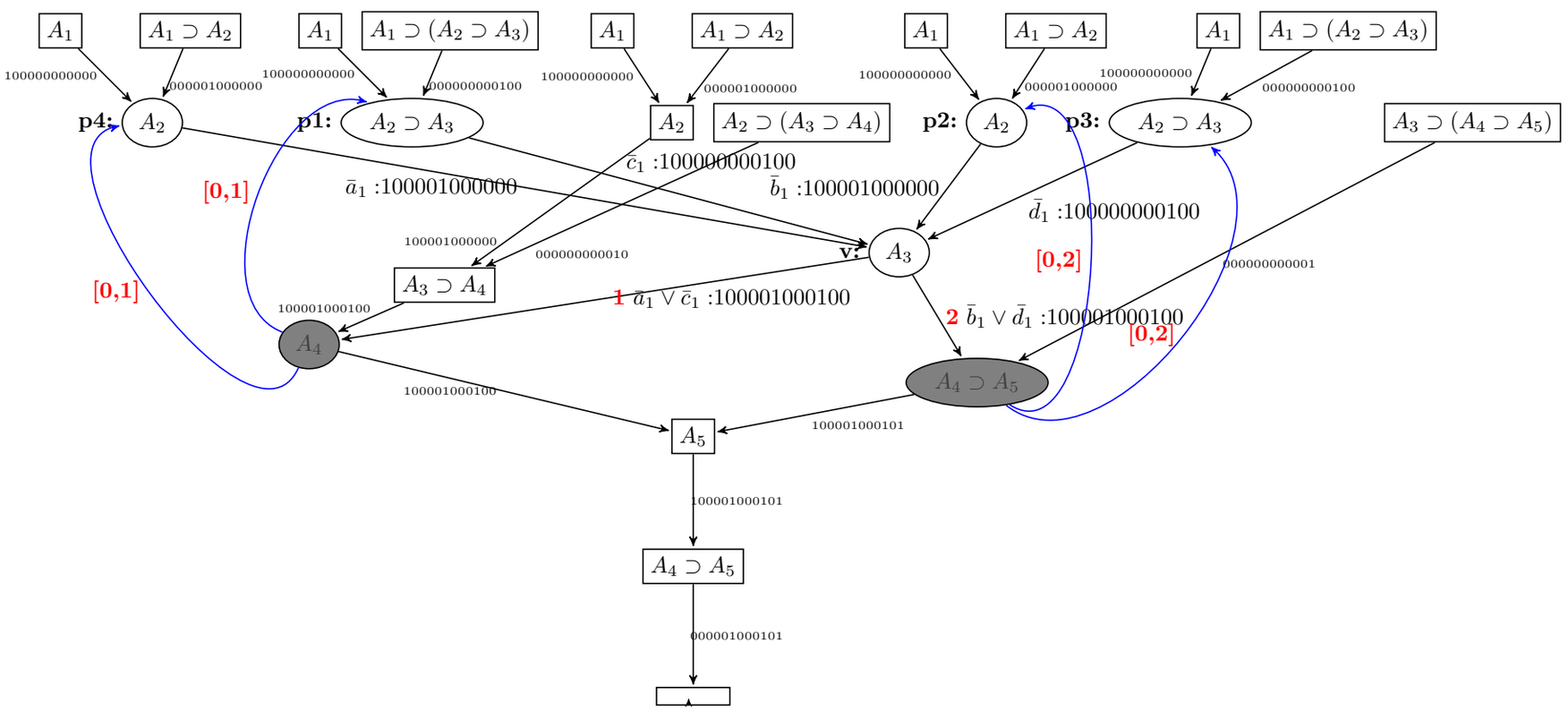
(a) .



(b) .

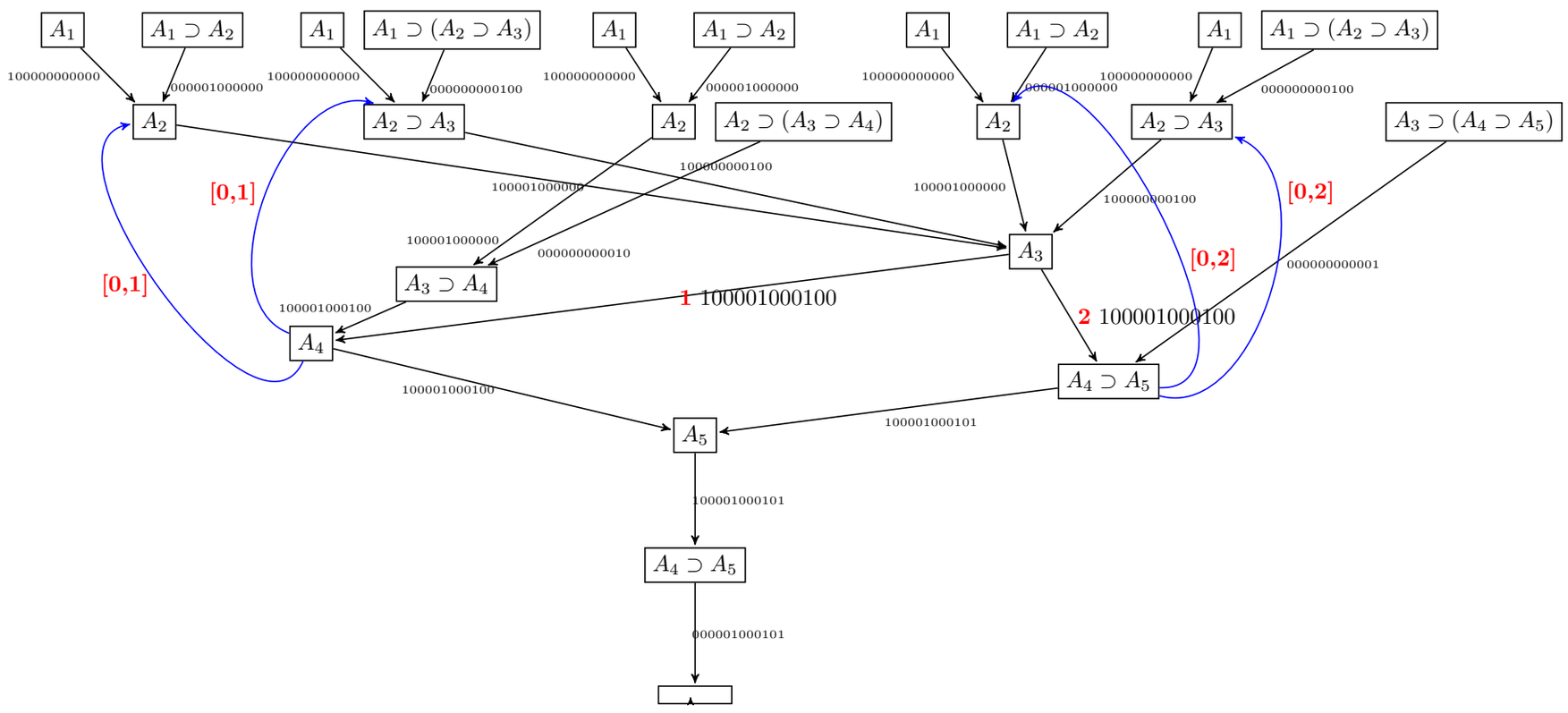


(c) .



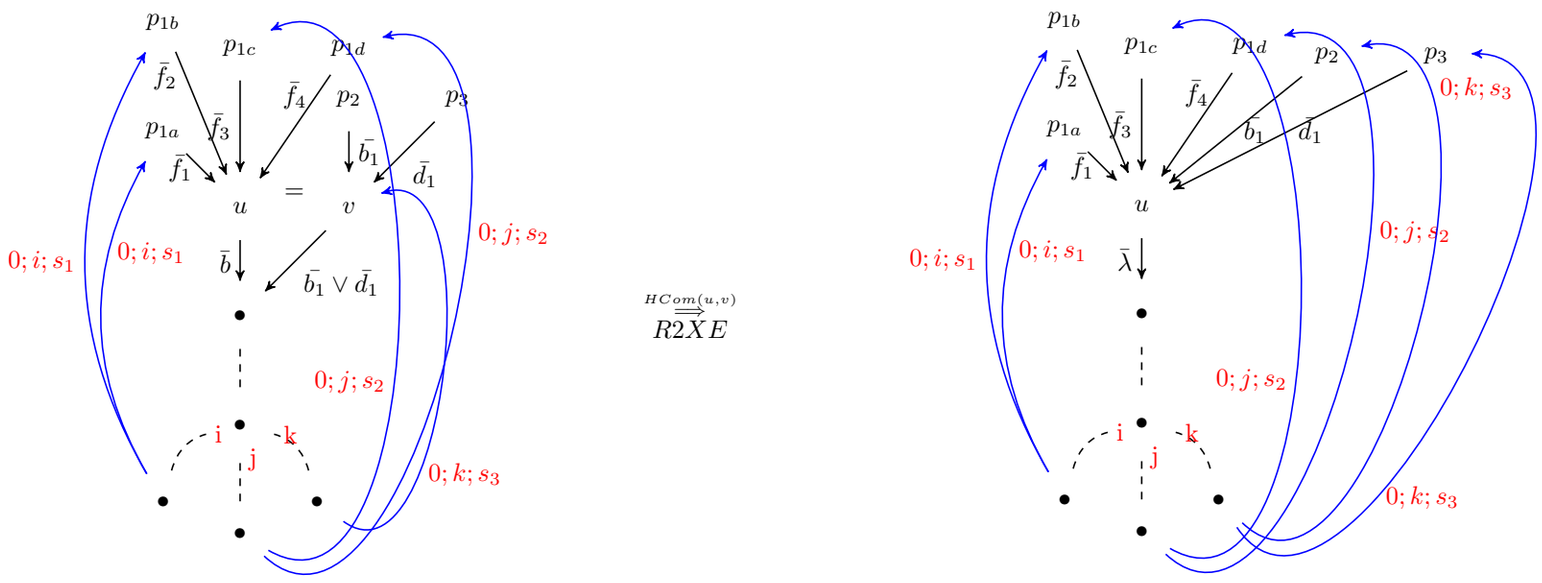
(d) .

Figure 2: Collapsing of nodes u and v by **R0EE**:
(a) Initial tree-like derivation / **DLDS**;
(b) Compression Rule **R0EE**;
(c) Matching of **R0EE**;
(d) Resulting **DLDS** after collapse.



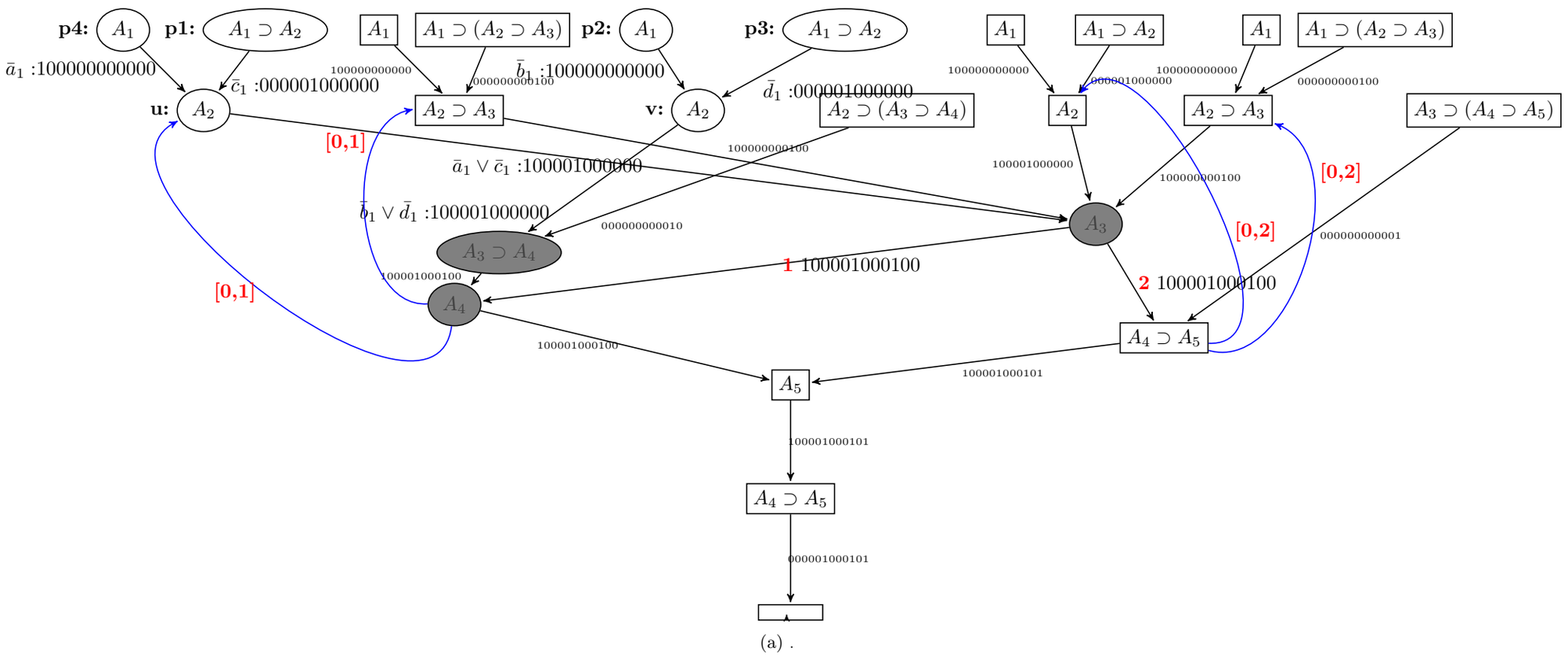
(a) .

(b) .

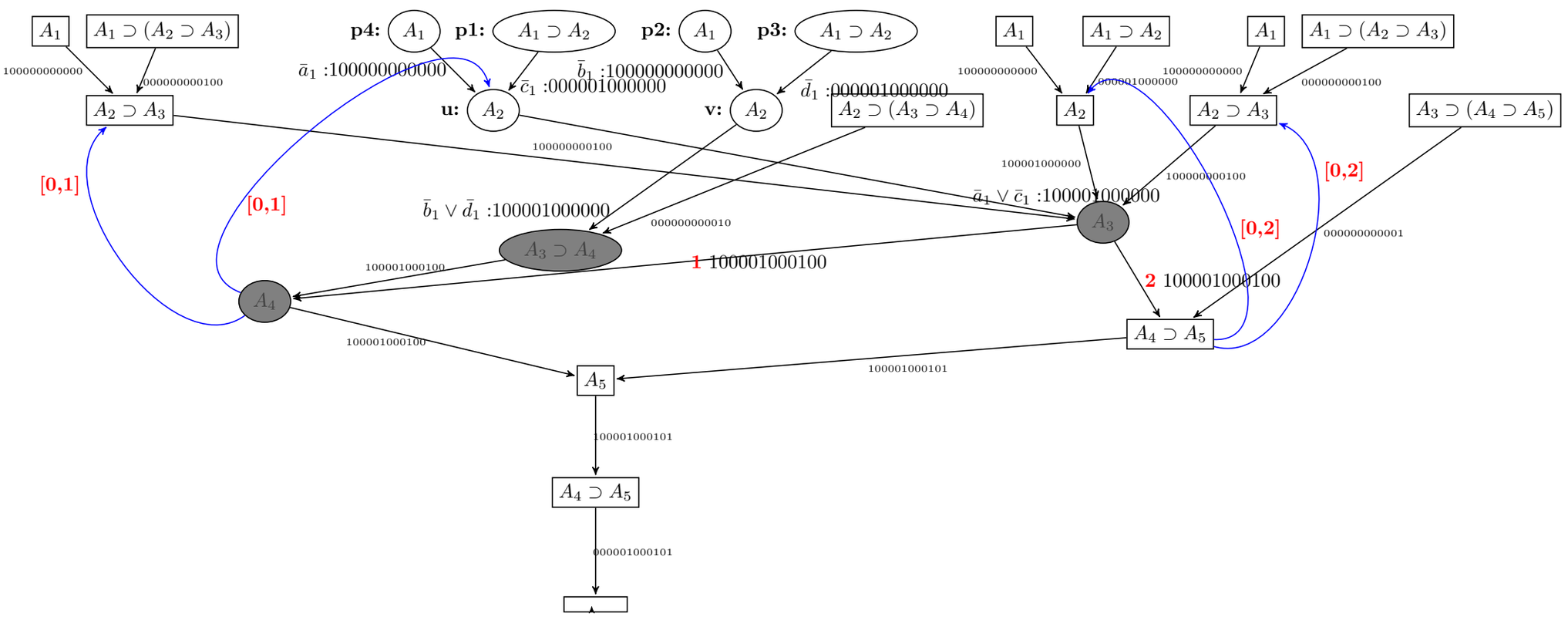


(c) .

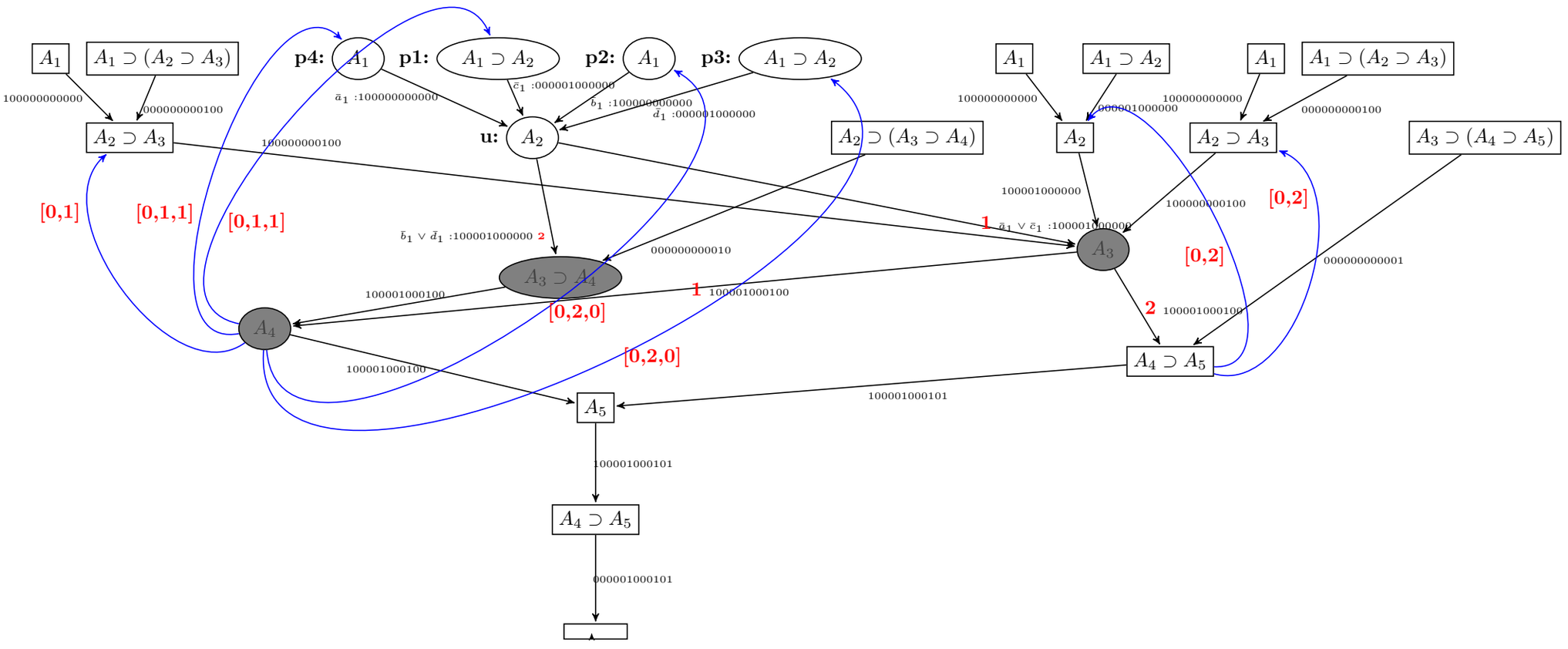
Figure 3: Second series of collapses (Part 1):
(a) Defocused **DLDS** at 2d;
(b) Compression Rule $\mathbf{R_v2EE}$;
(c) Compression Rule **R2XE**.



(a) .

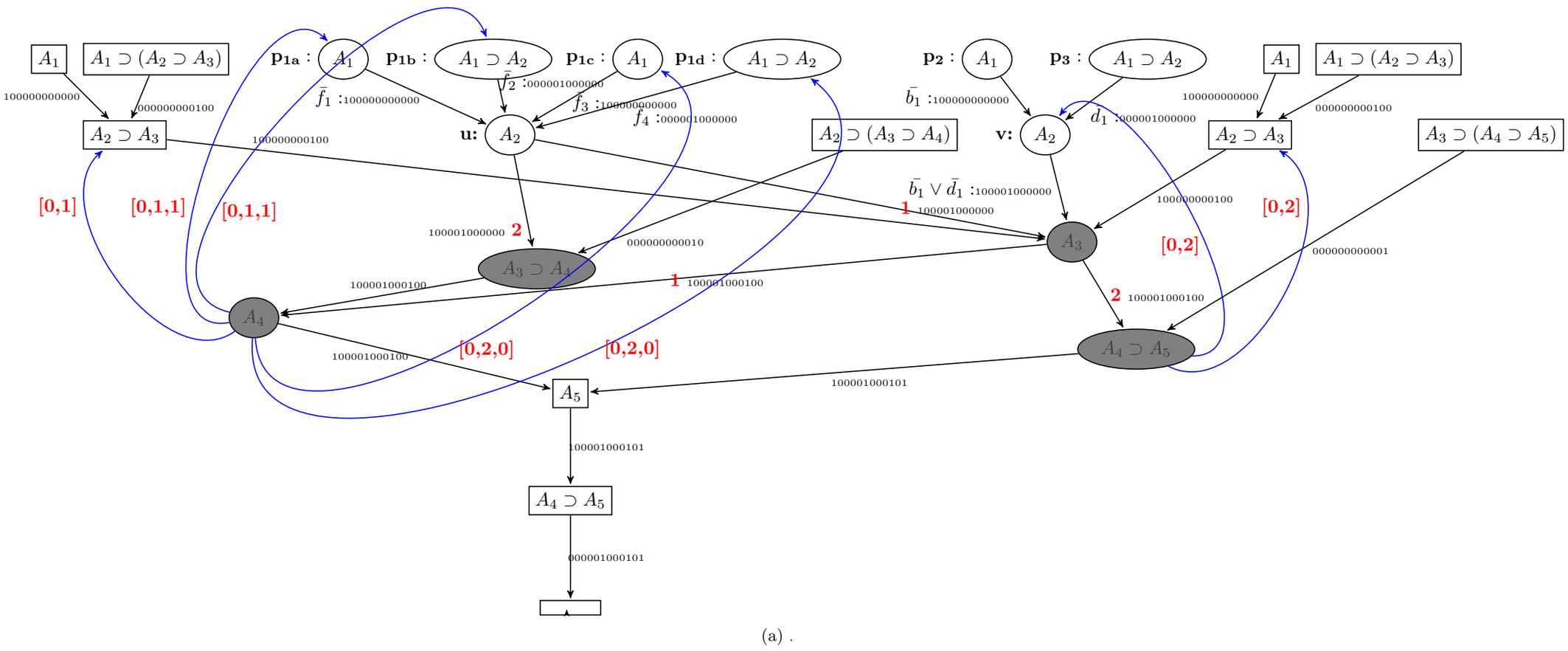


(b) .

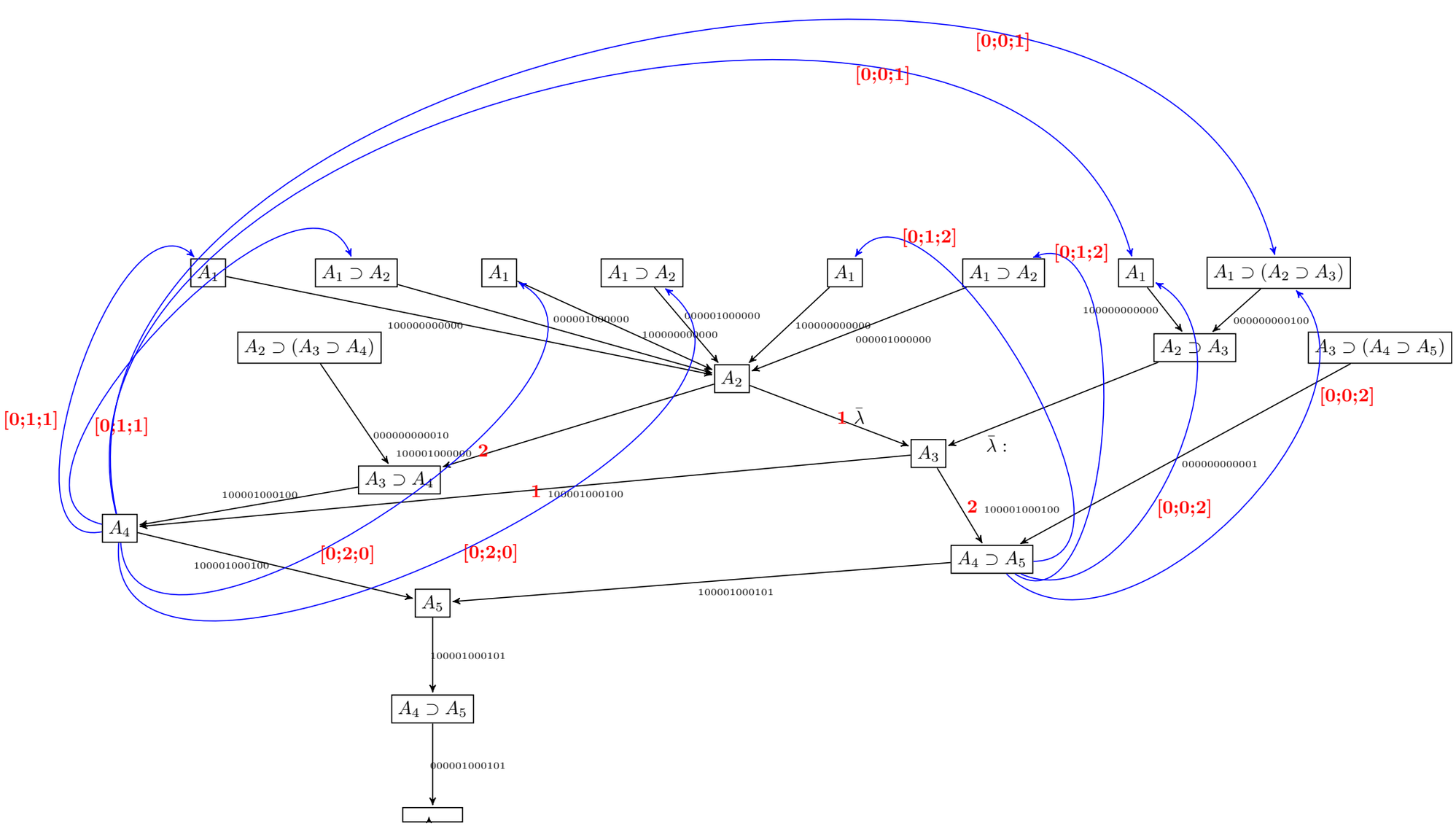


(c) .

Figure 4: Second series of collapses (Part 2):
(a) Matching of **R_v2EE** to the **DLDS** at 3a;
(b) Rearrangement of the **DLDS** at 4a;
(a) Resulting **DLDS** after applying **R_v2EE** to the **DLDS** at 4b.



(a) .



(b) .

Figure 5: Second series of collapses (Part 3):
(a) Matching of **R2XE** to the **DLDS** at 4c
(b) Resulting **DLDS** after applying **R2XE** and $\mathbf{R_e2EE}$.

Figure 6: Summary of **MUE** applications to the initial derivation in 2a

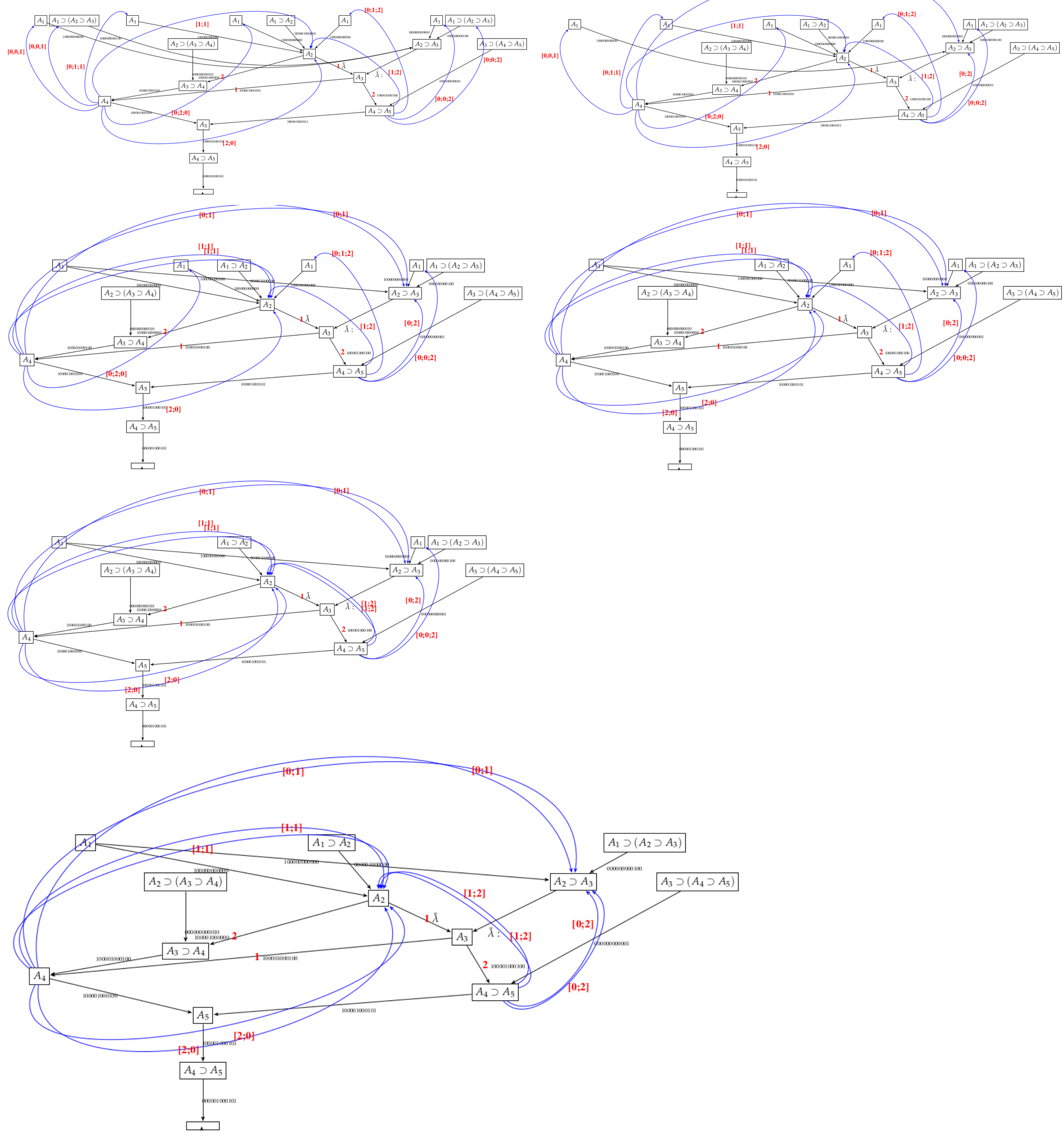


Figure 7: Summary of **MDE** applications to the initial derivation in 2a