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Theorem 5: Every homogeneous P/T net with non-blocking weights that has the deadlock-trap property is deadlock-free.
 Homogeneous: For each place, all outgoing edges have the same weight. Non-blocking weights: W⁺(p) ≥ W⁻(p) W⁻(p)= min { W(p,t) (p,t) ∈ F } if there exists a (p,t) ∈ F and 0 otherwise W⁺(p)= min { W(t,p) (t,p) ∈ F } if there exists a (t,p) ∈ F and 0 otherwise
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