Algorithm 1: An algorithm to detect and display an SLTR for a plane, internally-3-connected and suspended Graph G.

SLTR (G);
Input : G, a planar, internally-3-connected and suspended Graph
Output: A Good-FAA for G if possible
if G *has FAA* **then**
    Initialize $\mathcal{N}_G$;
    $(d_1, d_2) \longleftarrow$ Demands for $\mathcal{N}_G$;
    $\varphi = (\varphi_1, \varphi_2) \longleftarrow$ Multicomodity-Flow$(\mathcal{N}_G)$;
    if $|\varphi_1| = d_1$ *and* $|\varphi_2| = d_2$ **then**
        $\phi \longleftarrow$ Good-FAA from φ_2 ;
        $\tilde{G} \longleftarrow$ SLTR-embedding(G, ϕ);
        return: $\tilde{G}$
    end
end