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SCHNYDER LABELLINGS AND ALON-TARSI NUMBERS OF
PLANAR GRAPHS

We employ the technique of Schnyder labellings to derive a new simplified proof of the fact that the Alon-Tarsi number of a planar graph is at most 5. We discuss how this seemingly new approach is related to previous proofs that were based on the famous Thomassens argument for the choice number.

This is joint work with Jakub Kozik.