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A generalization of Neuwirth's theorem on thickening 2-dimensional polyhedra. (English. Russian original) [Zbl 0853.57004](#)

Math. Notes 58, No. 5, 1244-1247 (1995); translation from *Mat. Zametki* 56, No. 2, 94-98 (1994).

This is a new translation of the article reviewed above. The previous translation contained several meaning-distorting errors.

MSC:

57M20 Two-dimensional complexes (manifolds) (MSC2010)

57N10 Topology of general 3-manifolds (MSC2010)

Cited in 1 Review

Full Text: [DOI](#)

References:

- [1] J. Stallings, "On the recursiveness of sets of presentation of 3-manifold groups," *Fund. Math.*, 51, 191-194 (1962-63).
- [2] L. Neuwirth, "An algorithm for the construction of 3-manifolds from 2-complexes," *Proc. Camb. Phil. Soc. Math. Phys. Sci.*, 64, 603-613 (1968). · [Zbl 0162.27603](#) · [doi:10.1017/S0305004100043279](#)
- [3] P. Wright, "Covering of 2-dimensional polyhedra by 3-manifold spines," *Topology*, 16, 435-439 (1977). · [Zbl 0378.57008](#) · [doi:10.1016/0040-9383\(77\)90048-9](#)
- [4] K. Sieklucki, "Realization of mappings," *Fund. Math.*, 65, No. 3, 325-343 (1969). · [Zbl 0197.49201](#)
- [5] R. Rourke and S. Sanderson, "Introduction to piecewise-linear topology," *Ergebn. Math.*, 69, Springer-Verlag, Berlin-New York (1972). · [Zbl 0254.57010](#)
- [6] R. N. Bing, "The geometric topology of 3-manifolds," *AMS Colloq. Publ.*, 40 (1983). · [Zbl 0535.57001](#)

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