

## Width-Integrals of Mixed Projection Bodies and Mixed Affine Surface Area <sup>1</sup>

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### Abstract

The main purposes of this paper are to establish some new Brunn-Minkowski inequalities for width-integrals of mixed projection bodies and affine surface area of mixed bodies, and get their inverse forms.

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**Key words and phrases:** Width-integrals, Affine surface area, Mixed projection body, Mixed body.

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