

## عنوان مقاله:

Effects of target motion on SAR images

## محل انتشار:

پنجمین کنفرانس بین المللی مهندسی برق و کامپیوتر با تاکید بر دانش بومی (سال: 1396)

تعداد صفحات اصل مقاله: 9

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## خلاصه مقاله:

synthetic aperture radar (SAR) for ground moving target indication (GMTI) and imaging (GMTIm) have been gaining increasing interests for both civilian and military applications. Because SAR is generally designed for imaging a stationary scene, the SAR image of a moving target will be both displaced and smeared. Although the target radial velocity leads to the target displacement, the along-track velocity and radial acceleration result in the target defocusing .Similar to optical images, moving targets in SAR images are generally smeared or blurred. In synthetic aperture radar (SAR) images , moving targets cause imaging errors such as defocusing and displacement ,depending on the direction of their motion

## کلمات کلیدی:

SAR, moving target, Along-Track Target Motion, Cross-Track Target Motion

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/725408>

