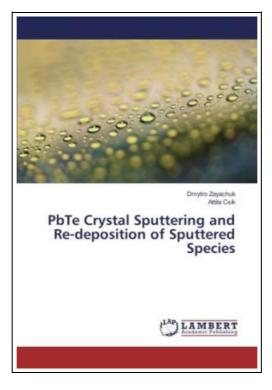
PbTe Crystal Sputtering and Re-deposition of Sputtered Species



Filesize: 7.94 MB

Reviews

Great eBook and useful one. it was actually writtern really completely and useful. You are going to like the way the article writer publish this publication.

(Prof. Ernestine Emard)

PBTE CRYSTAL SPUTTERING AND RE-DEPOSITION OF SPUTTERED SPECIES



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Sputtering of the lateral surfaces of PbTe crystals grown from melt by the Bridgman method by Ar plasma at the conditions of Secondary Neutral Mass Spectrometry are considered. New phenomena - aperiodical oscillations of Pb and Te sputtering rates, huge preference of Te sputtering reaching more than two orders of magnitude at the beginning of the sputtering process, and significant excess of Te integrated sputter yield over that of Pb for prolonged sputtering by low energy (50-160 eV) plasma - are presented. The correlations between the features of PbTe crystal surface sputtering and the processes of re-deposition of the sputtered species on the sputtering surface are demonstrated. It is concluded that the formation and re-sputtering of the sub-critical nuclei of the new phase lead to oscillations of Pb and Te. Formation of the re-sputtered surface structures of post-critical sizes lead to the changes of the average magnitudes of Pb and Te sputter yields. The peculiarities of the charge states of the interstitial Pb and Te in PbTe crystal matrix are caused the huge preferential sputtering of Te by the Ar+ ion beams of low energy. | Format: Paperback | Language/Sprache: english | 64 pp.

Read PbTe Crystal Sputtering and Re-deposition of Sputtered Species Online
 Download PDF PbTe Crystal Sputtering and Re-deposition of Sputtered Species

Other Kindle Books

_

Because It Is Bitter, and Because It Is My Heart (Plume)

Plume. PAPERBACK. Book Condition: New. 0452265819 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with... Download ePub >

	_	
	=	

Way it is

Second Story Press. Paperback. Book Condition: new. BRAND NEW, Way it is, Donalda Reid, It's the 1960s - the time for equal rights, peace, and love. But for Ellen Manery, it's the time to work...
Download ePub »

	=	
	-	

Trucktown: It is Hot (Pink B)

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Trucktown: It is Hot (Pink B), Jon Scieszka, This title is part of Bug Club, the first whole-school reading programme that joins books with an online... Download ePub »

		$\mathbf{\nabla}$
	_	
	=	

Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters!

ZONDERVAN, United States, 2014. Paperback. Book Condition: New. 211 x 137 mm. Language: English . Brand New Book. Rachel Macy Stafford s post The Day I Stopped Saying Hurry Up was a true phenomenon on... Download ePub »

Decameron and the Philosophy of Storytelling: Author as Midwife and Pimp (Hardback)

Columbia University Press, United States, 2005. Hardback. Book Condition: New. New.. 236 x 155 mm. Language: English . Brand New Book. In this creative and engaging reading, Richard Kuhns explores the ways in which Decameron... Download ePub >