

**Map of educational and methodical provision of the discipline " Physical theory of nuclear reactor and installations " on the specialty 6D060500-Nuclear Physics for the 2017-2018 academic year**

№	Name of discipline	Authors and title of the textbook	Quantity in the library of KazNU named after al-Farabi					
			basic			additional		
			kaz	rus	engl	kaz	rus	engl
	<b>Physical theory of nuclear reactor and installations</b>	A. Lyubimov., D.Kish. Introduction to Experimental Particle Physics. 2nd edition. 2001.			In elect ron view . In pdf for mat			
		Enrico, Fermi and Leo, Szilard U.S. "Neutronic Reactor" issued, 1955			In elect ron view . In djvu for mat			
		Wilson, P.D., The Nuclear Fuel Cycle, OUP (1996)			In elect ron view . In djvu for mat			
		Foster, Arthur R. and Wright, Robert L. Jr., Basic Nuclear Engineering, 3rd Edition, Allyn and Bacon, Inc., 1977.			In elect ron view . In djvu for mat			
		Technical and Economic Aspects of Load Following with Nuclear Power Plants, OECD Nuclear Energy Agency (June 2011)			In elect ron view . In pdf. for mat			
		Golubev, V. I.; Dolgov, V. V.; Dulin, V. A.; Zvonarev, A. V.; Smetanin, É. Y.; Kochetkov, L. A.;						<a href="http://techi bra">http://techi bra</a>

		Korobeinikov, V. V.; Liforov, V. G.; Manturov, G. N.; Matveenko, I. P.; Tsibulya, A. M. (1993). "Fast-reactor actinoid transmutation"						<b>ry.ru</b>
		Alex P. Meshik, The Workings of an Ancient Nuclear Reactor, Scientific American (26 January 2009; originally published in the October 2005 edition of <i>Scientific American</i> )						<b>http://techlibrary.ru</b>
		Knief, Ronald Allen, Nuclear Energy Technology: Theory and Practice of Commercial Nuclear Power, McGraw-Hill, 1981.						<b>In electronic format</b>
		Lamarsh, John R., Introduction to Nuclear Engineering, Addison-Wesley Company, 1977						<b>In electronic format</b>

**Lecturer**

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