

**Map of educational and methodical provision of the discipline "The theory of elementary particles for specialty" on the specialty 6M060400-Physics for the 2018-2019 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
1	The theory of elementary particles for specialty	A. Bettini, Introduction to Elementary Particle Physics, Cambridge University Press, 2008.			23			
2		M. Thomson, Modern Particle Physics, Cambridge University Press, 2013.			12			
3		C. Amsler, Nuclear and Particle Physics, IOP Publishing, Bristol, 2015.			6			
4		D.H. Perkins, Introduction to High Energy Physics, Cambridge University Press, 2000. Hochenergiephysik, Addison-Wesley, 1990. (out of press)			19			
5		B. Povh u.a., Teilchen und Kerne, Springer, 8. Auflage, 2009. (Paperback) Encyclopedia of Applied High Energy and Particle Physics, Ed. R. Stock, Wiley 2009.						10
6		Y. Nagashima, Elementary Particle Physics. Wiley. Vol. 1: Quantum Field Theory, 2010. Vol. 2: Foundations of the Standard Model, 2013						15
7		R. Cahn, G. Goldhaber, The Experimental Foundations of Particle Physics, Cambridge Univ. Press, 2009						25

**Lecturer**

**Takibayev N.Zh.**