

LEGAL EDUCATION AND MATHEMATICS

Prof. Dr. Z. Gönül BALKIR
Dean of Law Faculty, Kocaeli University,
Department of Labor Law
Umuttepe, Kocaeli, TURKEY

Dr. Eylem APAYDIN
Kocaeli University, Faculty of Law
Umuttepe, Kocaeli, TURKEY

ABSTRACT

There is a natural integrity between law and mathematics arising from mathematics' being the primary device in the area of technical law even though the character of relationship between them is debatable. Instrumental use of mathematics is extremely important for technical aspect of law. Mathematical logic, statistics, probability logic, simulation models cannot be used in legal context without establishing the mathematics and mathematical relations.

While the legal system with mathematics aims to create or construct a more comprehensive and systematic world than a complex system or chaos; mathematics is the universe of the abstract and perfectly formed numerical collocations. In this context, law is the system of formed human relations, which is tried to be created by social mind.

The necessity of mathematical understanding in legal world, on one hand, proves how important mathematics is in legal education and on the other hand, it demonstrates how similarly both legal and mathematical systems are formed. Law and mathematics emerged as the formed result of humanity's search for perfection.

Key words: Law Mathematics Integrity, Use of Mathematics in Law, Legal Logic.