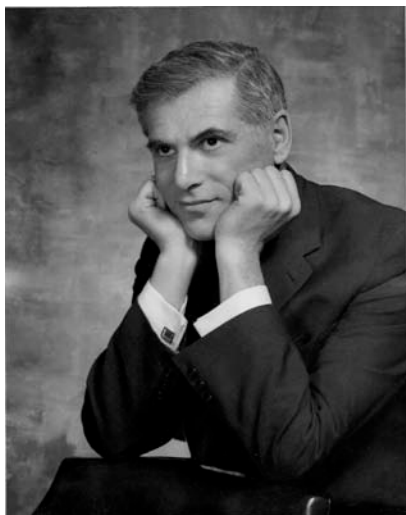


Lester Eli Dubins, 1921-2010

Lester E. Dubins, a distinguished probabilist and Professor Emeritus of Mathematics and Statistics at UC Berkeley, passed away peacefully in his home on February 11, 2010. He is survived by his son Benjamin, his sister Blanche, his nephews Aaron, Mathew, Michael and Ross and his nieces Marylyn and Sarah.



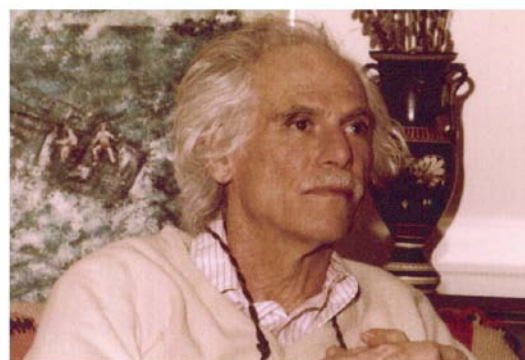
Lester grew up in New York City. His college education was interrupted by World War II in which he served as an Air Force officer stationed at a radar installation in Iceland. After the war, in the late 1940s, Lester continued working (as a civilian) for the radar research & development branch of the US Air Force. In 1951 he resumed his studies as a graduate student of mathematics at the University of Chicago where he obtained his Ph.D. degree in 1955 submitting a thesis on Generalized Random Variables under the guidance of Irving E. Segal. In those days Chicago's mathematics department was fortunate to have an excellent cohort of graduate students, among them Paul Cohen, Don Ornstein and Jack Feldman.

After a year at the Princeton Institute for Advanced Study and a few years at Carnegie Institute of Technology in Pittsburgh, Lester joined the Mathematics and Statistics departments at UC Berkeley in 1962, where he remained for the rest of his life. Lester was forced to retire at 70, shortly before the abolition of mandatory retirement age in public institutions in the USA went into effect. He challenged the university, won his case in court and was reappointed. He then continued teaching until retiring in 2004 by his own volition.

While still in Chicago, Lester met Jimmie Savage (then on the mathematics faculty there) and surprised him by showing that bold play is not uniquely optimal in classical *Red & Black* (roulette). Jimmie was impressed and invited Lester to join him in trying to better understand the probabilistic structure of gambling situations. This encounter developed into a collaboration generating several key papers and culminating (in 1965) in the ground-breaking monograph *How to Gamble if You Must (Inequalities for Stochastic Processes)* which presented a coherent mathematical theory of gambling

processes and optimal behavior in gambling situations, pointing out their relevance to traditional approaches to probability. In consultation with Bruno de Finetti and under his influence, Dubins and Savage presented their theory in the *finitely additive* framework in order to bypass measurability technicalities inherent in maximizing an uncountable set of functions in searching for optimal strategies. Lester paid tribute to Jimmie Savage - to his remarkable intellect and scholarship, and to their mutual friendship - in a beautifully phrased preface to the Dover edition of the book which appeared in 1976, five years after Jimmie's untimely death at the age of 54.

Lester continued to contribute to finitely additive probability throughout his entire career. As late as 1999 he published a paper entitled *Paths of Finitely Additive Brownian Motion need not be Bizarre*, demonstrating that those paths can be, for example, continuous piecewise linear or piecewise polynomial functions, etc. Not unrelated to his fondness of finite additivity, was Lester's great admiration for Bruno de Finetti and his firm belief in the *subjective* nature of probability according to which probabilities should not be thought to be inherent in objects, but instead in one's ideas and expectations about those objects.



Although primarily a probabilist, Lester had deep interest in mathematics in general. Thus scattered among his close to 100 publications (the latest of which appeared in 2009) are papers on a variety of mathematical themes, such as curves of minimal length (under some constraints), Tarski's Circle Squaring problem, convex analysis and geometry.

Lester was an unconventional teacher. He seemed unable to bore himself and his audience by a systematic recitation of a textbook. Even the most elementary material would receive a fresh and original treatment under his hands. In teaching as in research, Lester would never be satisfied with just having a logically correct proof of a statement, but would always strive for a natural, simplest possible argument. He was at his best in advanced graduate seminars and informal discussions. In front of small groups of colleagues, international visitors and graduate students he challenged his audience, exposed and explored his own thoughts and still-evolving ideas, and inspired them

with unexpected basic questions and insights. He would often open a session asking if anyone had anything interesting to tell the class, and his seminars were fascinating Socratic dialogues that continued informally between regular sessions.

As much as he lived for mathematics, Lester also cared deeply about people, especially his students and friends, who came from all walks of life. He was always a champion of the underdog, whether they were California farmworkers or oppressed people anywhere, and was an outspoken advocate of civil liberties. He loved words and stories and humor, and led a vigorous life, traveling and hiking and mountain-biking into his eighties, roaring with laughter or immersed in explorations of mathematical subtleties as he went. He

was a person of the highest integrity in everything he did, scientifically and socially, and did not bend to political or peer pressures. You did not ask Lester how he liked the restaurant you were in or how good a logical argument was, unless you were prepared for the polite but unadulterated truth. For those of us who were fortunate enough to know him well, hardly a day passes when we do not ask ourselves “What would Dubins have done in this situation?” or “What would Lester have said?” Lester Dubins was the quintessential maverick mathematician, and above all, an absolute gentleman and scholar.

David Gilat, Ted Hill, Bill Sudderth

Past Conferences, Meetings and Workshops

9th German Open Conference on Probability and Statistics (GOCPS), Leipziger Stochastiktag 2010



The ninth biannual meeting of the Probability and Statistics Group of the German Mathematicians Society (DMV) took place in Leipzig from 2 to 5 March, 2010. This meeting covers all areas of mathematical probability and statistics and has become one of Europe's big probability events. It attracted some 450 participants from all over Europe and partially also from overseas, among them the four invited plenary speakers Paul Embrechts, Michel Ledoux, Benedikt Pötscher and Michael Steele. The main body of the meeting consisted of 15 parallel sections on various areas. These sections presented an invited speaker, among them well-known scientists like Geoffrey Grimmett, Jean Bertoin and Sidney Resnick. Including all contributed talks, a total of about 300 talks were given during the four days of the meeting.

The local conditions at the host institution, the University of Leipzig, were excellent, as the meeting

took place in the entirely new renovated lecture hall building, which is located in the heart of the city of Leipzig. This made it especially easy for the participants to enjoy the atmosphere of the cosmopolitan city with all its cultural offers. The conference dinner took place at the stylish restaurant "Bayerischer Bahnhof", which hosts an own brewery. The local conference organisation was efficiently handled by event lab Leipzig.

The sponsors and supporters of the meeting were the German Science Foundation (DFG), the Association of the Friends and Supporters of the University of Leipzig and the Deutsche Gesellschaft für Versicherungs- und Finanzmathematik e.V. (DGVMF). The next GOCPS will take place in early March 2012 at Mainz University.

Wolfgang König