



Life Insurance Mathematics – Part 1

A personal travelogue about the course of
Dr. Jens Kahlenberg within the project
“Actuarial Sciences for Africa e.V.”
at the ISM Adonaï in Cotonou (Benin)
from 22. to 29. February 2008

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consulting



Basic data



- Location: Western Africa
- Government: Republic
- Capital city: Porto Novo
- Government seat: Cotonou
- Official language: French
- Population: 7.5 m (2006)
- Currency: CFA-Franc
- Time zone: UTC + 1



(Source: <http://de.wikipedia.org/wiki/benin>)

Agenda (1/4)

■ Friday, 22.02.2008

- Flight Düsseldorf – Paris – Cotonou
- Pickup at the airport
- Meeting with Stefan Falk for dinner
- Transfer to Sun Beach Hotel



■ Saturday, 23.02.2008

- Preparation of the lectures in the internet café of the hotel
- Lunch in hotel
- Sight-seeing tour in Cotonou with Monsieur Raymond and Donald (beach, money exchange, private beach)



Agenda (2/4)

■ Sunday, 24.02.2008

- Walk to the beach
- Lunch in hotel
- Visit at Hippolyte's cousin and the university of Calavi
- Dinner in hotel



■ Monday, 25.02.2008

- Introduction to director Kouphin and to the course
- Class: Elementary Mathematics of Finance
- Visit at artist's village
- Dinner in hotel



Agenda (3/4)

- Tuesday, 26.02.2008
 - Class: Elementary Mathematics of Finance, Basic Principles in Biometry
 - Dinner with Hippolyte in the „Pili Pili“ restaurant
- Wednesday, 27.02.2008
 - Class: Common Life Insurance Products, Premium Calculations
 - In the morning: photo session
 - Preparation of the lectures in the hotel
 - Dinner in hotel

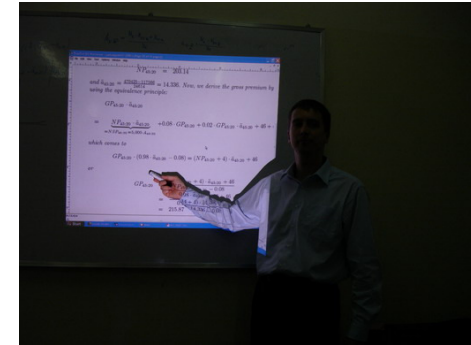




Agenda (4/4)

- Thursday, 28.02.2008
 - Class: Premium Calculations, Policy Values
 - Preparation of the lectures in the hotel
 - Dinner with director Kouphin, Hippolyte and Donald

- Friday, 29.02.2008
 - Class: Two Lives under Risk, Profit Sharing, Evaluation
 - Inofficial part: gifts of the course, photo session, asking of the course, showing photos of Cologne
 - Visit at the Centre Culturelle Americaine (gospel choir)
 - Last dinner with Hippolyte, Donald and Monsieur Raymond
 - Flight Cotonou – Paris – Düsseldorf





Contact persons on site

- Dr. Hippolyte Hounnon
Professor of Mathematics at
the University of Calavi
- Vignon Donald Viadenou
Appointee for communication
and marketing at ISM Adonai
- Monsieur Raymond
Driver at ISM Adonai
- Charles Codjo Kouphin
Director of ISM Adonai





The hotel



Food á la Béninoise

- Langue de Boeuf (Ox tongue)
- Brouchette de Mouton (Lamb spit)
- Side dishes: Ablo, Aloko, Bananes frites
- Beer „La Beninoise“ and „Flag“
- Coconut: Milk and pulp



Sight-seeing in Cotonou

- Mopeds as main traffic vehicle
- Trash lying around
- Numerous poorly appearing, non-finished buildings



- Sale along the streets
- Sandy slopes off the main streets
- Money exchange at the wayside
- Beaches (public and private)



The institute ISM Adonai



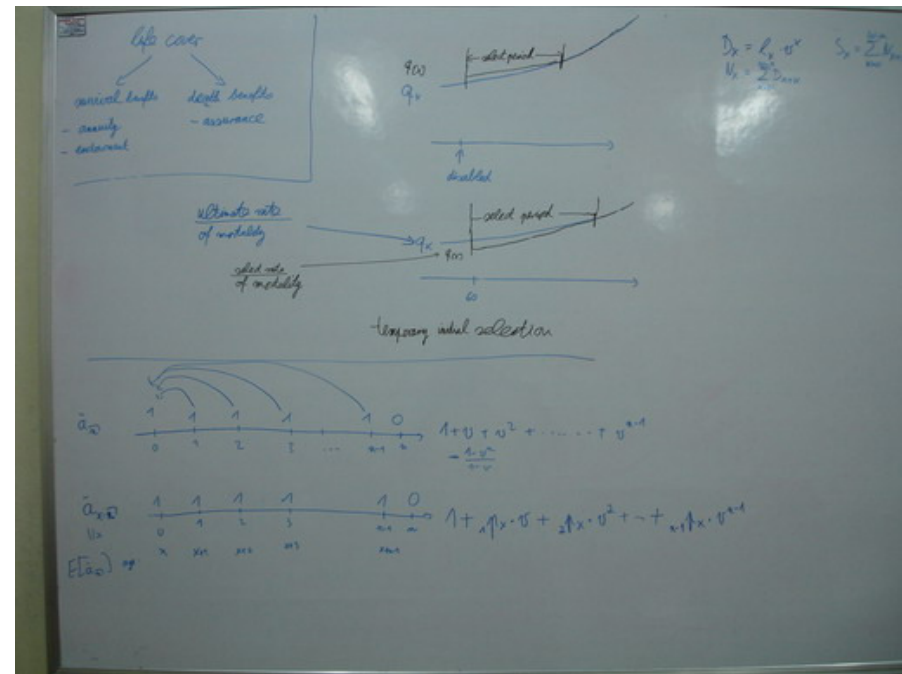
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Contents of the lecture

- Introduction
- Elementary Mathematics in Finance
- Basic Principles in Biometry (Mortality)
- Common Life Insurance Products
- Premium Calculations
- Policy Values
- Two Lives under Risk
- Profit Sharing
- Evaluation



The course participants



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The lecturer



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I will treasure ...

- the sometimes unbearable stink of the mopeds' exhaust fumes and the mini filling stations,
- the almost daily power outages,
- the spraying of the cabin with insecticide before the return flight,
- the shirts soaked with sweat,
- the impression of „moving ahead“,
- tasty food (despite diarrhoea),
- very kind and helpful people,
- the students in my course,
- Hippolyte, Donald and Monsieur Raymond.





Au revoir ...

