A diferencia de los modelos convencionales, el modelo BSPN puede modelar y analizar todos los tipos de relaciones de actividades, incertidumbre de la duración y costo de la actividad, y las decisiones (o opciones) en un proyecto.

- El modelo BSPN tiene una doble utilidad para la administración de proyectos, puede modelar concurrencia (algo muy frecuente en los hypermedios) y analizar el tiempo y costo de un proyecto.
- El modelo BSPN usa tres variables con una distribución-β el cual se adapta perfectamente para modelar y analizar la incertidumbre en un proyecto hypermedial.
- La planificación de un proyecto hypermedial implica dividir las fases de producción, y después volver a dividirse en tareas más pequeñas y elementos más manejables en un cierto tiempo, para esto el modelo propuesto demostró ser plenamente aplicable y de manera natural.

VIII -BIBLIOGRAFÍA
INTELLIGENT HYPERMEDIA TUTORING SYSTEMS: 
A NEW APPROACH FOR MEDICAL EDUCATION

ROSA MARIA M. E. COSTA - costa@cos.ufrj.br
NEIDE SANTOS - neide@cos.ufrj.br
Federal University of Rio de Janeiro - COPPE/ Sistemas
Post-Graduate Dept of Computer Science
PO Box 68511 - 21945-270 - RJ - Brazil

Abstract: In spite of increasing interest and researches on Intelligent Tutoring Systems (ITS), complex questions continue to limit their diffusion. In this paper, we discuss some issues involved in developing ITS and present HYPERDOCTOR, an intelligent hypermedia tutoring systems for medical education.


1. INTRODUCTION

The development of classical Intelligent Tutoring Systems (ITS) faces a serious crisis. The surroundings of the crisis are being related to the ITS development, evaluation, lack of shells, difficulties in modeling students in confident basis, and finally, publishing on Internet. In this paper, we at first discuss current problems related to ITS area. Aiming to search primary solutions to these problems, we present HYPERDOCTOR, an intelligent hypermedia tutoring systems for medical education. The system’s main features, goals, structure, modes and tasks are reported, and finally, conclusions are offered.

2. ITS: A BRIEF STATE-OF-ART AND CURRENT BOTTLENECKS

In the last five years, ITS has been object of intense investigation. Then, why in despite all advantages offered by ITS, their use in actual educational situations remains restricted? The main factors involving in the low dissemination of ITS are the high cost and the long term required for their development. However, the necessity of multi-disciplinary teams’ involvement and potent computers, added to the lack of development methods and quality evaluation criteria are considered as critic points for an effective diffusing. These aspects harm the development of specific authoring tools. The current tendency of integrating software components to the WWW seems to have reached the ITS area. Following, each one of these aspects is explained.