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Sommario/riassunto	As spoken natural language dialog systems technology continues to make great strides, numerous issues regarding dialog processing still need to be resolved. This text presents an exciting dialog processing architecture that allows for a number of behaviours required for effective human-machine interactions, including: problem-solving to help the user carry out a task, coherent subdialog movement during the problem-solving process, user model usage, expectation usage for

contextual interpretation & error correction, & variable initiative behaviour for interacting with users of differing expertise. The work also details how different dialog problems in processing can be handled simultaneously, & provides instructions & in-depth result from pertinent experiments.
