

## **Concept and Construction of the Caddy Robot**

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Abstract: The Caddy Robot is an ambitious project, the purpose of which is to provide a robotic assistant (Caddy) to players on a golf course. This robot will have to deal with its environment (obstacles, hazardous areas, balls), the players (talk with them, advise them), and the rules of golf. Because developing such a robot will take much time, we produced a prototype. First, this paper will deal with the concepts of the final version of the Caddy Robot. We will then address the prototype concept and its construction, describing the architecture and function.