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Titel

iFall: The Unexpected-Fall Detection Device

Kurzbeschreibung

Motivation: Above the age of 65, More than fifty percent of the elderly people of 65 years in age or older experience an unexpected fall once per year. The problem is that many of these unexpected falls go along with major injuries, primarily femoral neck fractures. With about 160,000 cases per year, these unexpected falls induce about two billion euros per year to the German health care system. In addition, every case generates further costs and inconveniences to the subject and his or her social environment. For these reasons, the prevention of unexpected falls and/or their effects have received recent attention. However, the currently available protection devices either do not receive an acceptable acceptance rate and/or are activated only *after* the fall.

Bearbeiter



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Veröffentlichungen

- Salomon, R., Lüder, M., Bieber, G., iFall - Case Studies in Unexpected Falls. In *Proceedings of the IEEE International Symposium on Industrial Electronics (ISIE 2010)*, pp. 1645-1650, 2010.

Links

- Link zur Projektseite - <http://www.amd.e-technik.uni-rostock.de/ma/rs/projects/iFall.html>



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