

Tokamak GOLEM for fusion education - chapter 9

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The GOLEM tokamak ($R = 0.4$ m, $a = 0.085$ m, $B_{\text{tor}} < 0.5$ T, $I_{\text{pl}} < 8$ kA) is the oldest tokamak in the world still operational. Its main mission is education of future fusion specialists in the Czech Republic. Furthermore, the GOLEM tokamak serves also as a training facility of students throughout the world, because of its unique fully remote control system [1]. This contribution is devoted to description of several students' projects, related mainly to diagnostics development, investigation of selected issues of tokamak physics and plasma performance on GOLEM:

- Design of new amplifiers for two linear AXUV arrays of 20 photodiodes. This detection sys-