RFQ DRIFT-TUBE PROTON LINACS IN IHEP
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A period of RFQ-DTL acc. & foc. Structure

\[ U_A \quad U_Q \]

\[ \beta \lambda / 2 \]

DT/2 | AG | SE | QG | DT/2

Focussing structure
FFDD
1 period = 2\beta \lambda
URAL30 Linac, a visit card

World-only operational linac with a RFQ & 4 RFQ-DT sections

Commissioned in 1977
Operational since 1983
Injector to U70 1985 - now

R&D and manufacturing by Linac Dept. of IHEP

Prof. Dr. Vladimir Teplyakov, a co-inventor of the RFQ concept (1970)
URAL30M Linac, the machine being built
SH-type RF cavity of URAL30M, a live view
2H-type RF cavity of URAL30M, a live view