

What is this contribution about?

This contribution is about R&D work aimed to develop light concentrators for the Baksan large-volume liquid scintillation neutrino detector.

Why is it relevant / interesting?

The highest light yield is crucial for detector development, mounting light concentrators to PMTs is one of the ways to increase it.

What have we done?

We implement the String method to calculate the concentrator profile.

What is the result?

We calculate the concentrator profile for Hamamatsu R7081-100 PMT.