Uplift Resistance of Shallow Foundation:

A Weekly Report

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First Meeting

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1.1 진행상황

1.1.1 Abaqus Modeling: 3D

Problems in Mesh

- Element distortion

- Partitioning

- Too many element number

- Too much computing time

1.1.2 Abaqus Modeling: 2D Axisymmetric

1.1.3 문헌조사

Contact Elements

Beam Element for Structure

Pressure Loading

Different Soil Tank Size

1.2 하고있는 일들

1.2.1 Paramteric Study

phi

Elastic Modulus

Flow Angle

1.2.2 Including images

Code chunks are also used for including images, with `include_graphics` from the `knitr` package, as in Figure 1.1
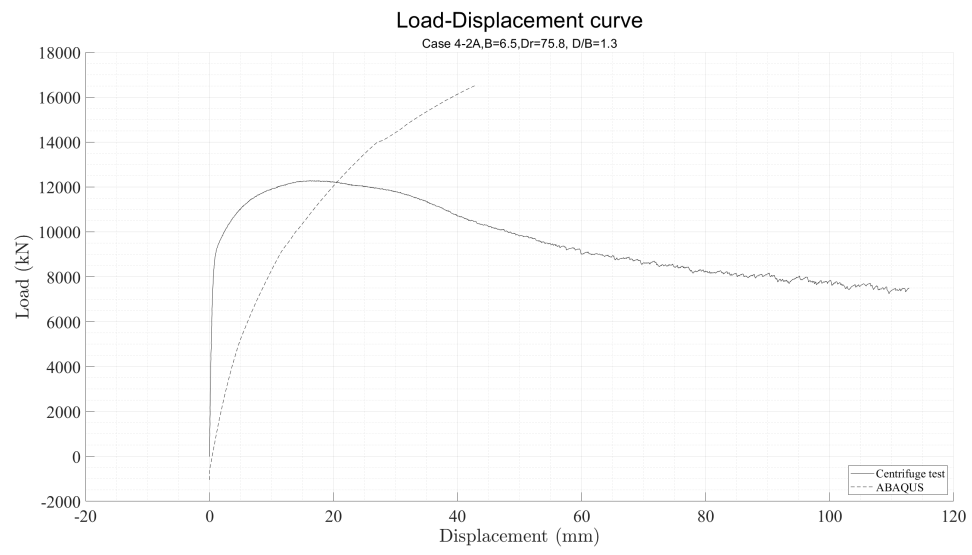
```
knitr::include_graphics("figures/4_2A.png")
```

Figure 1.1: figure 4-2A