

Vak: Advanced Filter**credits: 2**

Vakcode	ELVH17AAF	Werkvormen	Hoorcollege
Naam	Advanced Filter		Individueel
Studiejaar	2020-2021		Opdracht
ECTS credits	2		Practicum / Training
Taal	Engels	Toetsen	Advanced Filter - Opdracht
Coördinator	B.D. Williams		

Leeruitkomsten

After this study unit a student can:

- design a standard digital filter.
- use the Kalman filter in a data smoothing context, and also in a vehicle navigation context by using Sensor Fusion techniques.

Inhoud

As an extension to DSP techniques you will learn how to design an advanced filter. We will be handling specifically the KALMAN filter in the study unit, but will also recapitulate on a method on how to design common filters.

Opgenomen in opleiding(en)

Elektrotechniek Major Sensor Technology

School(s)

Instituut voor Engineering