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An algebra for interaction of cyber-physical components

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An Algebra for Interaction of Cyber-Physical Components

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When the weather allows for it, the Netherlands organizes the Dutch Headwind Cycling Championships (NK Tegenwindfietsen). The principle is simple. The wind should be of force 7 or higher (which corresponds to a storm of 120km/h), and cyclists must ride 8.5km against the wind on a simple city bike. The settings of the race would easily puzzle an external observer. What is the point? Why wait for such a strong wind? Why even race against it? Within the race, participants explain that the effort is real, but enjoyable nonetheless. The race is just a means to reach a higher purpose. Going on a PhD journey has similarities with the NK Tegenwindfietsen: the effort is real, and the adventure is worth it.

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