

## AFS : Adaptive Front-lighting System

### ➤ Purpose

This system improves the visibility of motorcycle which is cornering at the nighttime.

### ➤ Functions

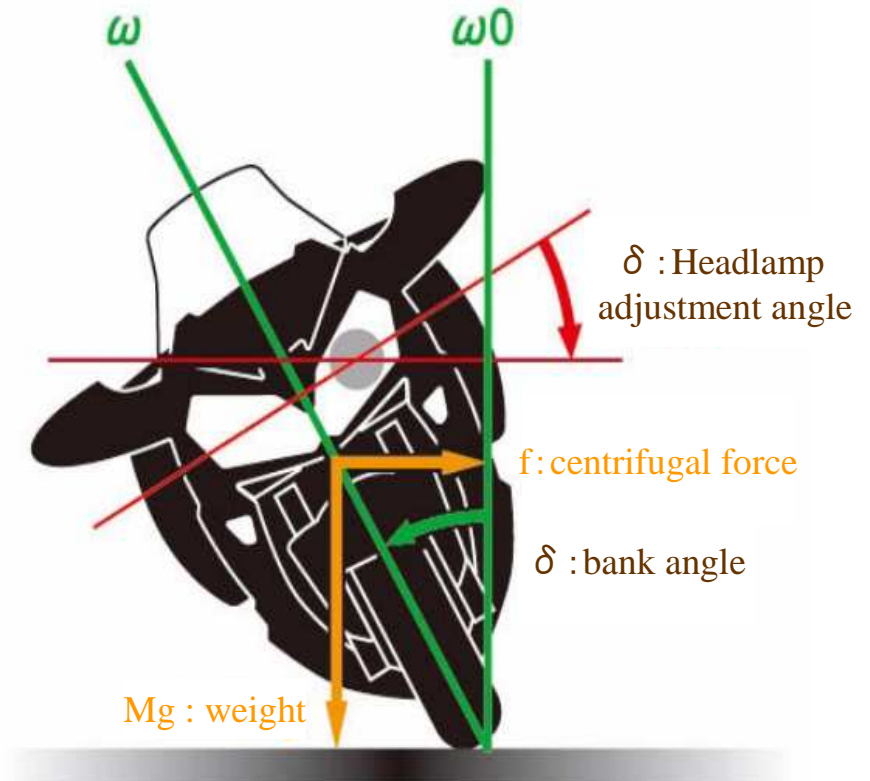
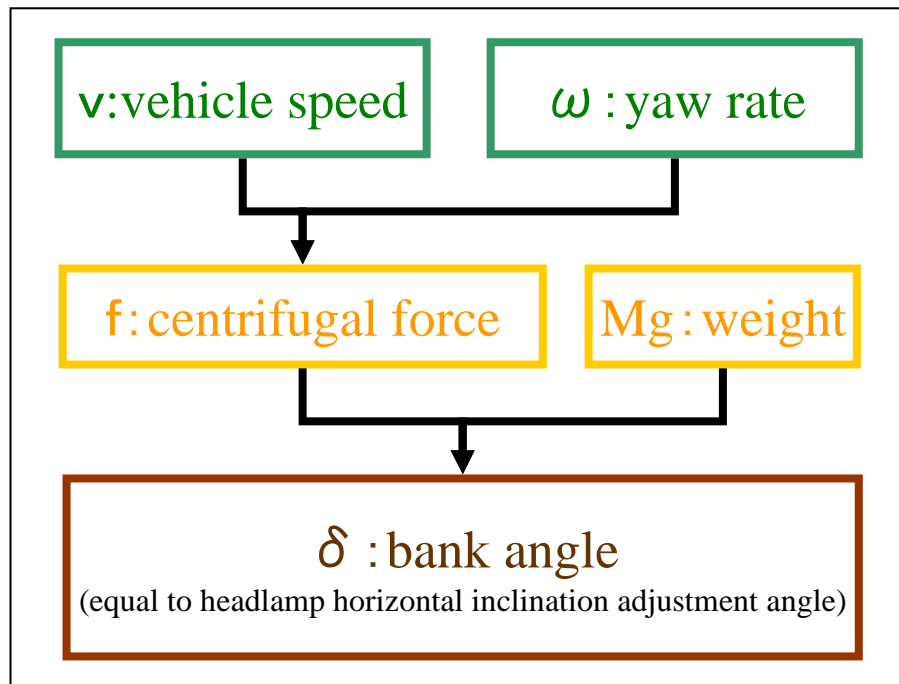
This system changes the illumination area of headlamp automatically in according with the bank angle of motorcycle.

# Explanation of motorcycle AFS

Agenda 10(a)  
The 60<sup>th</sup> Session of GRE  
01-03 October 2008



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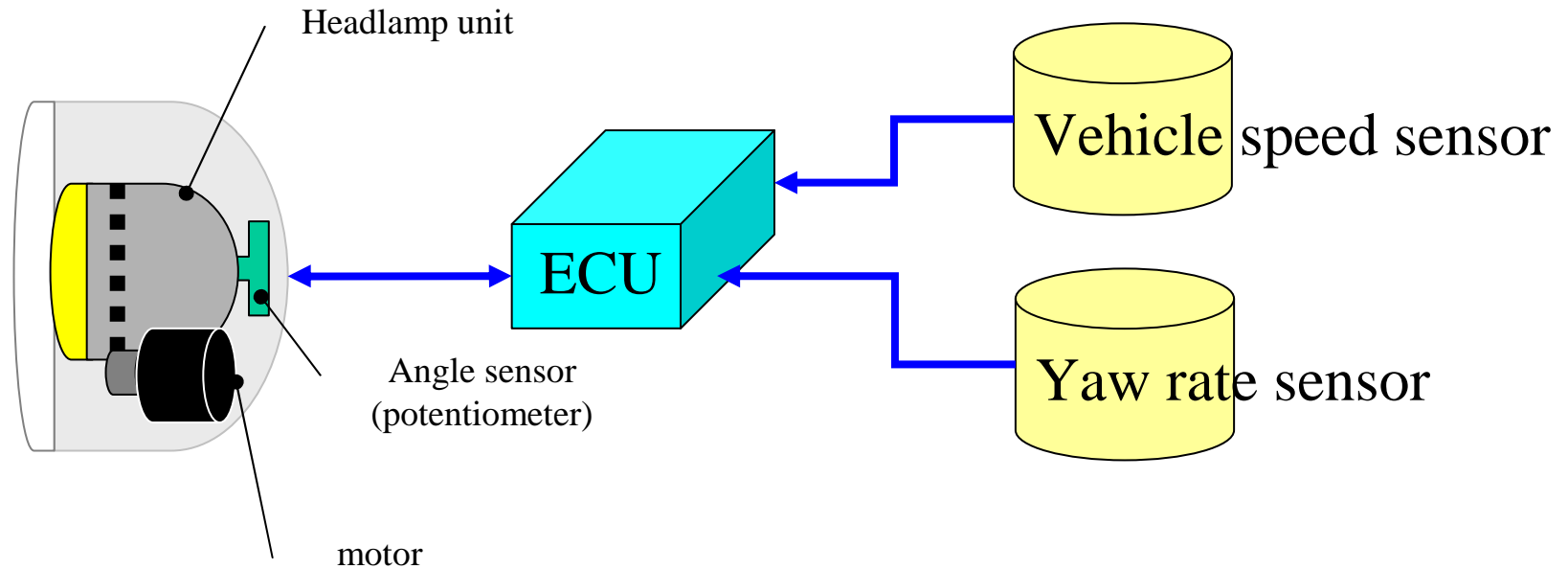
How to calculate bank angle

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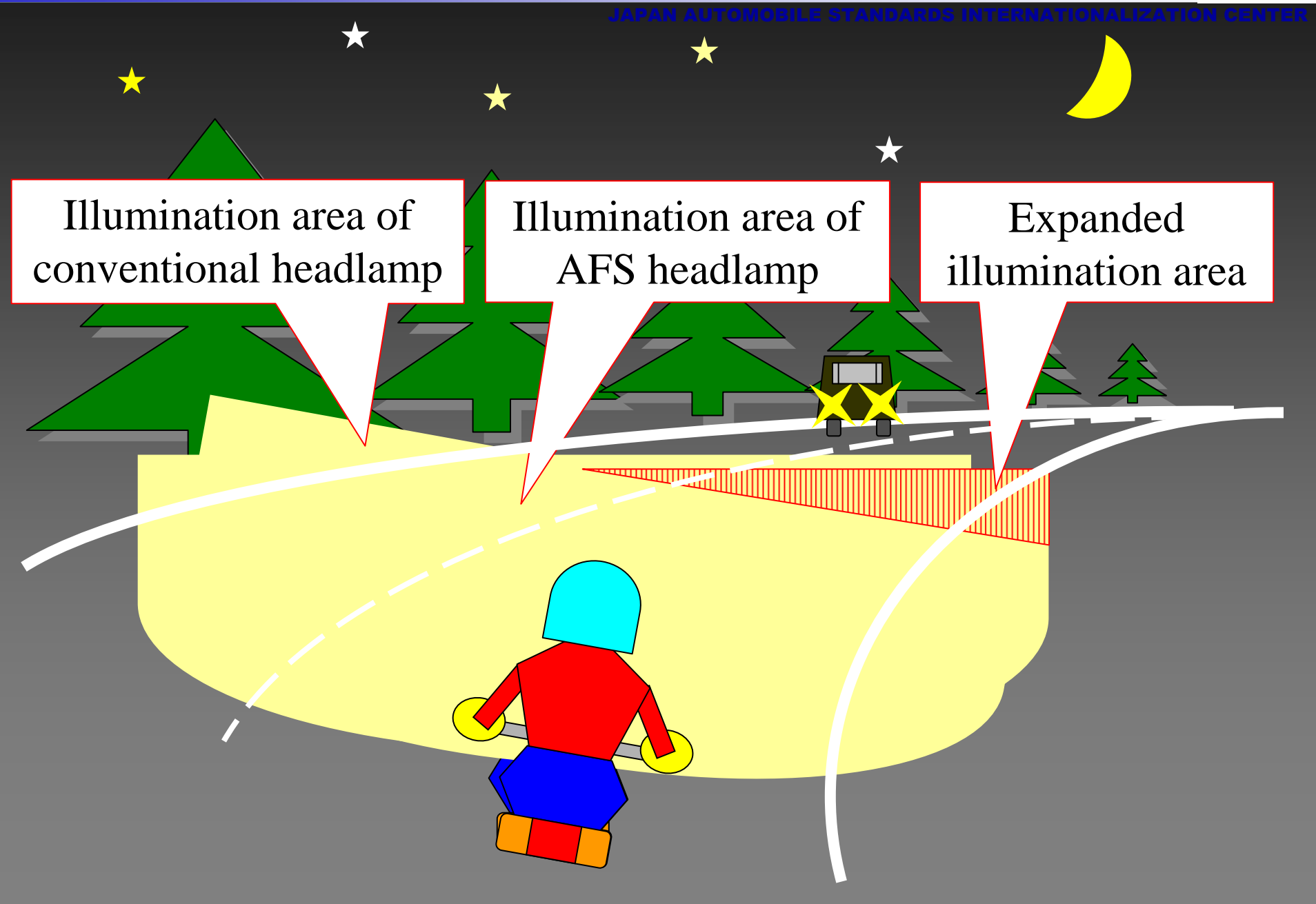
System construction diagram

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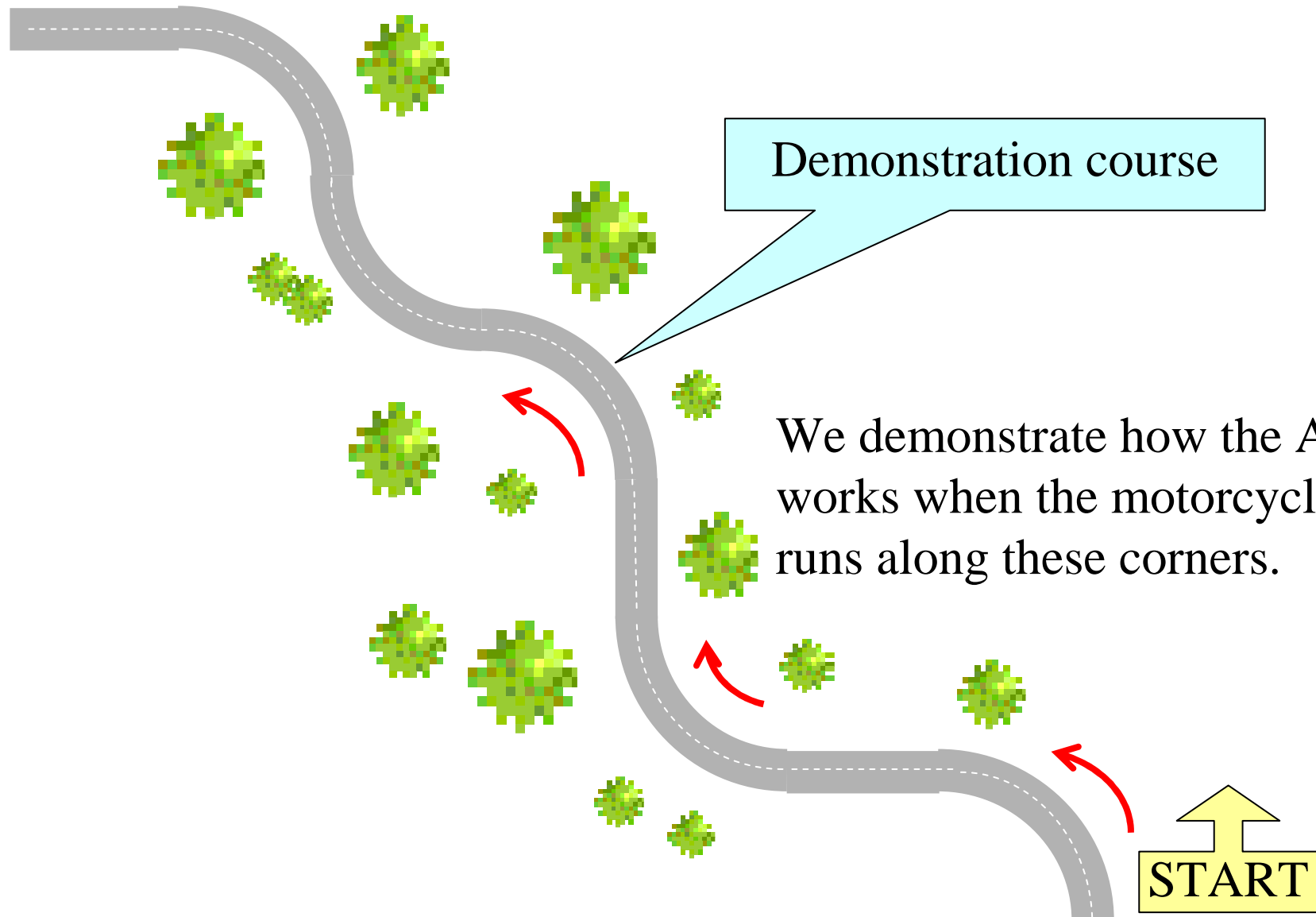


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Demonstration course

We demonstrate how the AFS works when the motorcycle runs along these corners.

START