Strategie instrumentacji w oparciu o model zredukowany POD

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Frame with itemize

- bla blas
- dos
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Equation array

$$\begin{aligned} y_1 &= m_A \pm \sigma \\ y_2 &= m_B \pm \sigma \end{aligned} \quad \Rightarrow \quad \begin{aligned} m_A &= y_1 \pm \sigma \\ m_B &= y_2 \pm \sigma \end{aligned}$$

Matrices

$$\mathbf{y} = \mathbf{X}\beta + \varepsilon$$

where:

$$\mathbf{y} = \begin{bmatrix} y_1 \\ y_2 \end{bmatrix}, \mathbf{X} = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}, \beta = \begin{bmatrix} m_A \\ m_B \end{bmatrix}, \varepsilon = \begin{bmatrix} \sigma \\ \sigma \end{bmatrix}$$

Using ”alert” keyword for highlighting word

The matrix $\mathbf{M} = \mathbf{X}^T\mathbf{X}$ is called Fisher Information Matrix.

$$\mathbf{M} = \mathbf{X}^T \cdot \mathbf{X}$$

- *A-optimum*

$$\Psi(M) = tr(M^{-1})$$

- *D-optimum*:

$$\Psi(M) = log(det(M^{-1}))$$

- *E-optimum*:

$$\Psi(M) = \lambda_{max}(M^{-1})$$

Example block

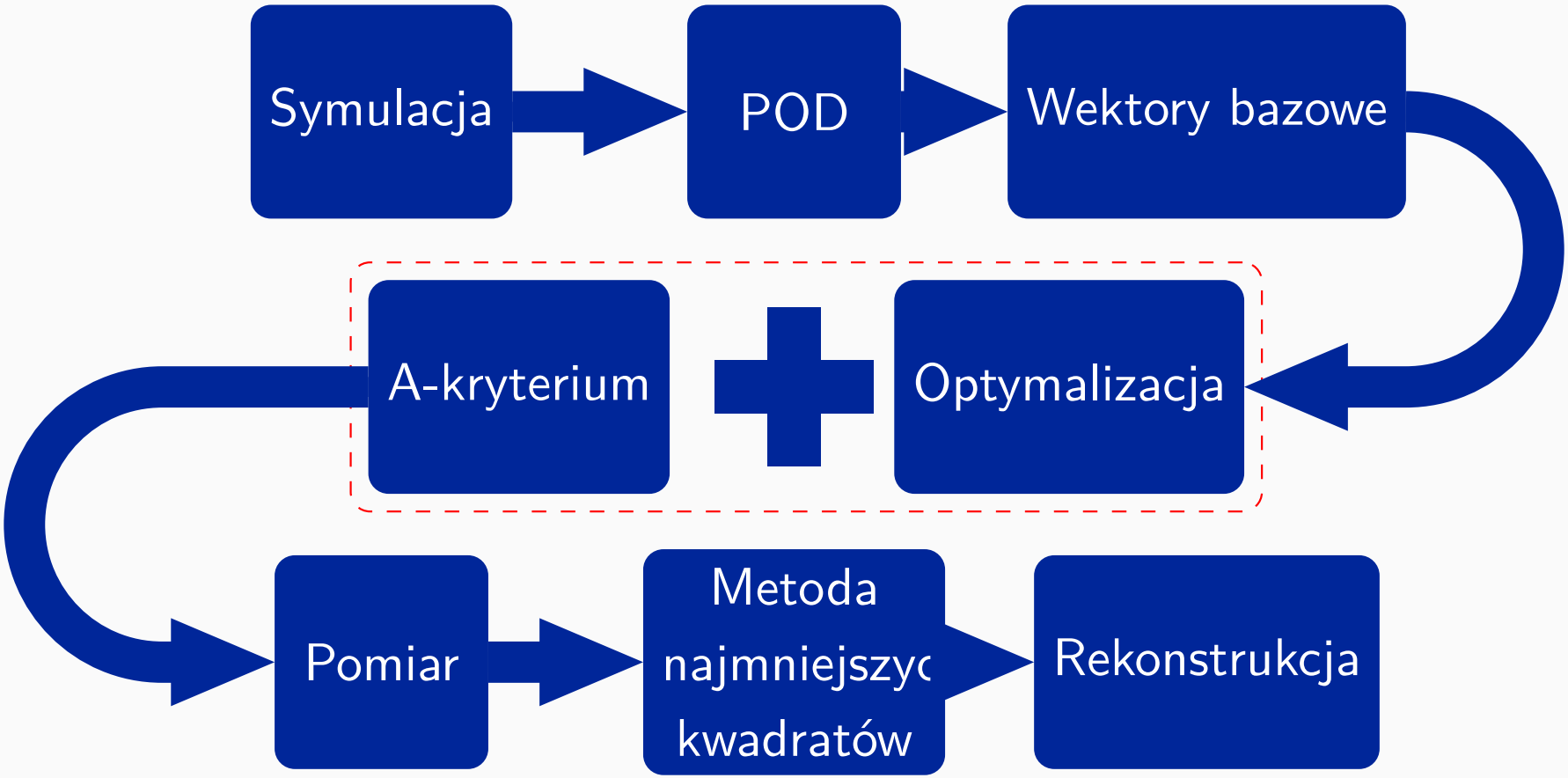
Some regular text, equation:

$$\Psi = tr(M^{-1}) = \frac{x_1^2 + x_2^2 + 2}{(x_1 - x_2)^2}$$

Verification

Some text in the body of the block

Tickz algorithm in boxes



Topic transition slide

Acknowledgment

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Backup slied

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