



POZNAN UNIVERSITY OF TECHNOLOGY DOCTORAL SCHOOL

*The result of the mid-term assessment together with the
justification*

Wynik oceny śródkresowej wraz z uzasadnieniem



for the period 01.10.2024 to 31.08.2026

Rafał Stachowiak

the doctoral student at PUT Doctoral School / doktorant Szkoły Doktorskiej PP

discipline of science / dyscyplina naukowa:

information and communication technology / informatyka techniczna i telekomunikacja

The result of assessment / Wynik oceny

Positive / Pozytywna	
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Justification / Uzasadnienie

The reported research progress is consistent with the initial schedule. The doctoral candidate has published a systematic literature review addressing the subject of the planned dissertation and has prepared a dataset for validating the algorithms to be designed and implemented during the subsequent stages of the research.

The committee offers the following recommendations concerning the next steps:

1. The doctoral candidate should now focus on developing the proposed algorithms and validating their effectiveness in solving the identified problems.
2. The committee also recommends narrowing the scope of the problem to be addressed by the prospective model, as developing an overly general model may not be feasible in practice.
3. The doctoral candidate should analyse the properties of the Σ^2_P computational complexity class and their relevance to the investigated problem, as they may affect both the computational results and their subsequent interpretation.

The assessment was carried out on / Ocenę przeprowadzono w dniu 14.09.2026

On behalf of the Commission / Za Komisję

dr hab. inż. Bartosz Walter, prof. PP

Name and surname of the Head of the Commission /
Imię i nazwisko Przewodniczącego Komisji