

1 – INTRODUCTION	4
2 – AIM AND METHOD OF THE DOCTORAL DISSERTATION.....	5
2.1 - <i>Modelling technologies</i>	5
2.2 - <i>CeSFaMBi modeling</i>	7
3 – EXPERIMENTAL METHODOLOGY	8
3.1 - <i>Pyromanic presentation</i>	8
3.2 - <i>OPERATIONAL OPTIMIZATION</i>	11
4 – RESULTS AND DISCUSSION	15
4.1 - <i>Characterization of the case 2 (Improved operational conditions)</i>	15
4.2 - <i>RESULTS OF THE CASE 2</i>	17
5 - CONCLUSIONS	21
REMARK ABOUT THE SOFTWARE CESFAMB	22
ABSTRACT	23
RESUME (Český)	24
REFERENCES	27
PUBLICATIONS	28
CURRICULUM VITAE	29