An Approach to Operational Crew Scheduling

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Résumé

Airline scheduling problems have been addressed in an extensive number of publications. We list selected literature addressing airline scheduling problems and describe attempts to integrate the aircraft routing and crew pairing problems. The objective of the crew scheduling problem is to determine a minimum-cost set of pairings so that every flight leg is assigned a qualified crew and every pairing satisfies the set of applicable work rules, each duty period in a pairing must respect limits on total work time, total flight time and total number of landings

Mots-Clés: Aircraft, Maintenance, Optimization, Crew, Scheduling

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