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## (研修テーマ) ホットワイヤ GMAW 溶接法の冷却速度の測定

工学研究科 機械物理工学専攻 河野 駿人

### 1. はじめに

2018 8 8 9 5

### 2. 共同研究課題の決定

### 3. 共同研究スケジュール

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8 23 8 28  
8 28 9 4  
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### 4. 共同研究派遣先の概要

: Mahidol University

999PhutthamonthonSai4road,SalayaSubdistrict,Phitthamonthondistrict,NakhonPathomprovince,73170

: Dr. Eakkachai Warinsiriruk

: Rajamangara University

: 2 NanglincheeRoad,Tungmahamek,Sathorn,Bangkok10120

: Dr. Rittichai Phaoniam

:

: 114Thailand SciencePark,PhaholyothinRoad,Klong1,Klongluang,Pathumthani12120

: Dr. Nirut Naksuk

### 5. 共同研究内容

#### 5. 1 概要

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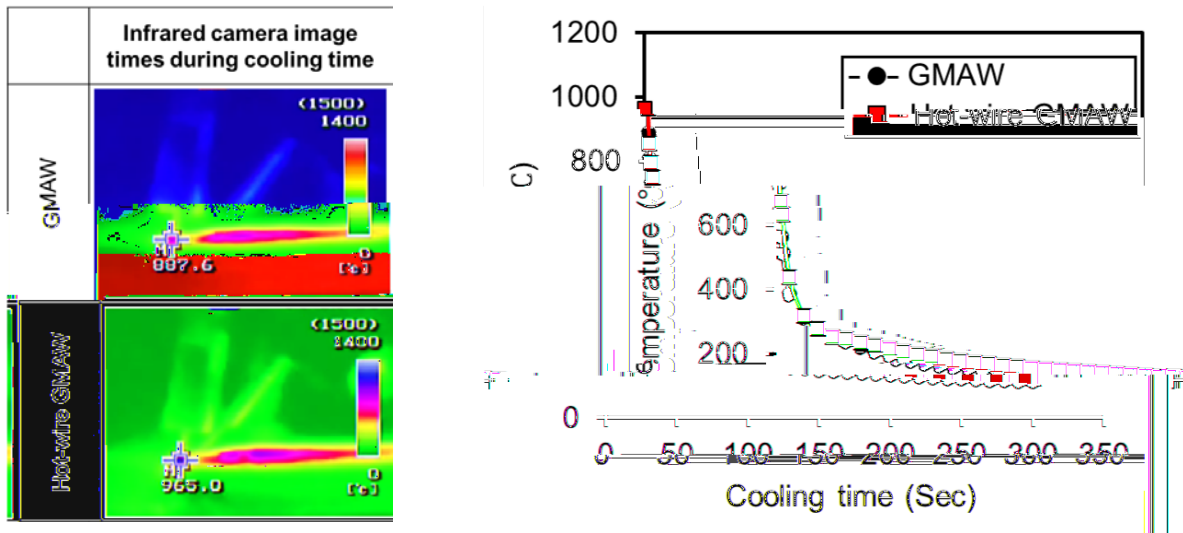


Fig. 3 The graph of the cooling curve comparing GMAW and Hot-wire GMAW.

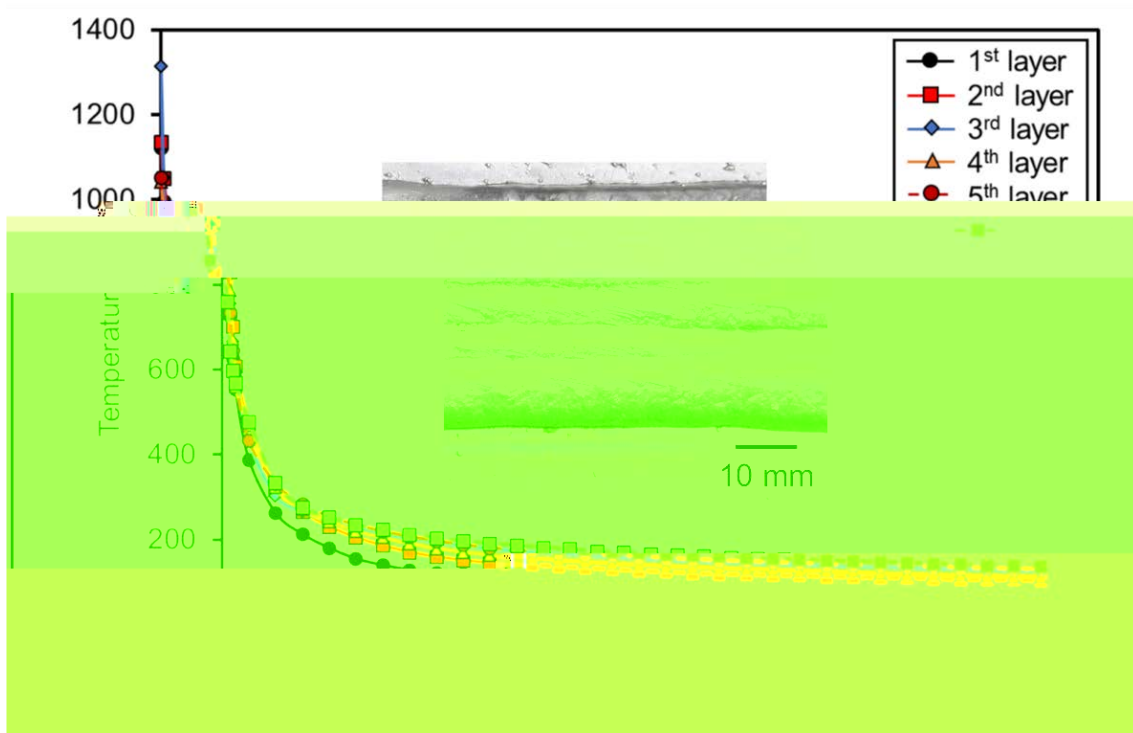


Fig. 4 The graph of the cooling curve Multi-pass Hot-wire GMAW.

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5. 3 考察

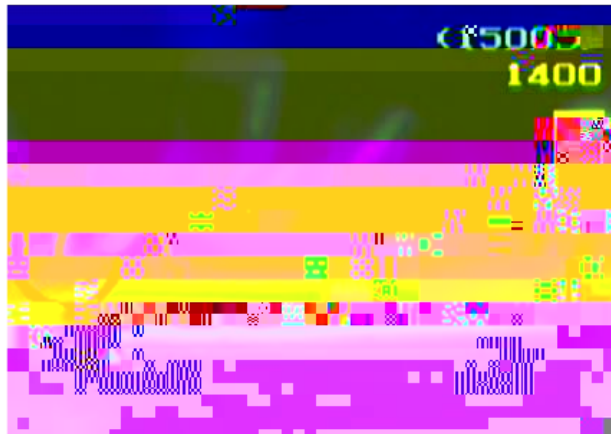


Fig. 5 Image of Hot-wire temperature mapping.

Ideal Hot-wire torch

Thailand Hot-wire torch

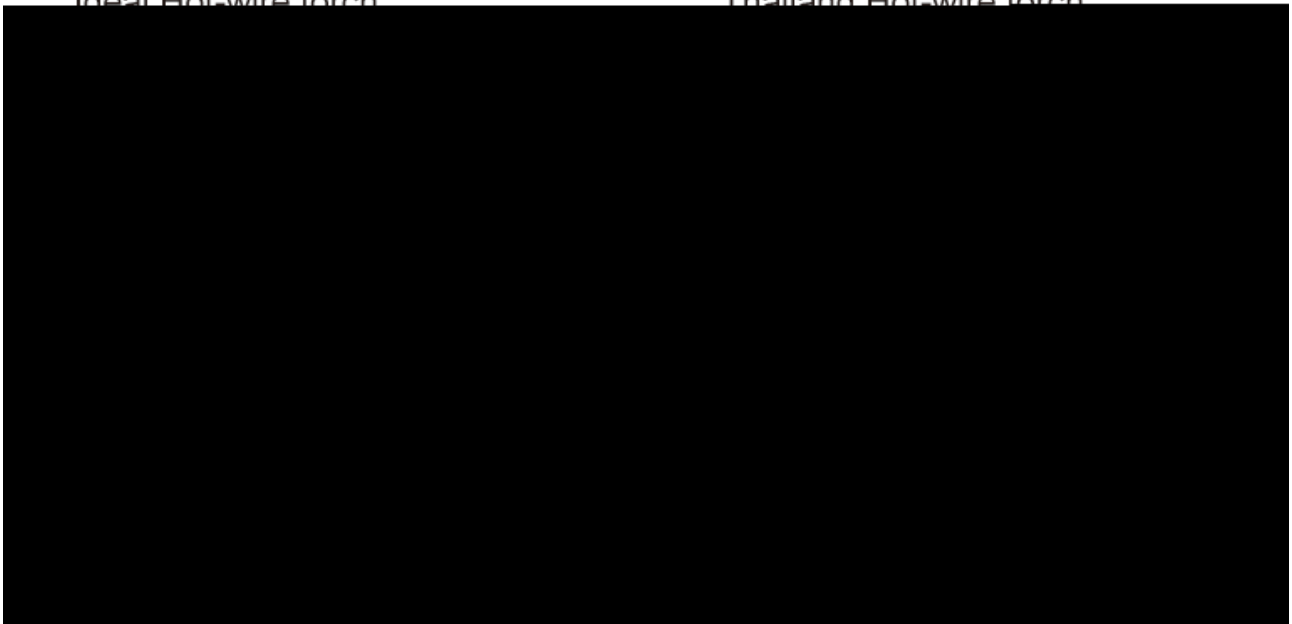


Fig. 6 Schematic image of the reason of low Hot-wire temperature.

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6. まとめ

7. 謝辞

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