



航空学报 » 1991, Vol. 12 » Issue (12) :651-654 DOI:

论文

[最新目录](#) | [下期目录](#) | [过刊浏览](#) | [高级检索](#)

<< [an error occurred while processing this directive] | [an error occurred while processing this directive] >>

碳纤维复合材料电火花加工(EDM)机理研究

王珉<sup>1</sup>, W.S.Lau<sup>2</sup>

1. 南京航空学院 ;2. 香港理工学院

INVESTIGATION ON MECHANISM FOR ELECTRICAL DISCHARGE MACHINING OF CARBON FIBRE COMPOSITE MATERIAL

Wang Min<sup>1</sup>, Lau W.S.<sup>2</sup>

1. Nanjing Aeronautical Institute; 2. Hongkong polytechnical Institute

摘要

参考文献

相关文章

Download: [PDF \(1314KB\)](#) [HTML OKB](#) Export: [BibTeX](#) or [EndNote \(RIS\)](#) [Supporting Info](#)

摘要

关键词: 碳纤维复合材料 电火花加工

Abstract: This paper presents an investigation into feasibility of using Electro-Discharge Machining(EDM)as a means of machining carbon fibre composite material. Basically, it is found that the EDM process can easily machine the composite material with small current. The presence of non-conducting fibre in the composite materisl does not affect the machining efficiency. The non-conducdting fibres turn into conducting fibres due to carbonization during the ionization stage.

Keywords: carbon fibre composite material electrical discharge machining

Received 1990-07-30; published 1991-12-25

引用本文:

王珉;W.S.Lau. 碳纤维复合材料电火花加工(EDM)机理研究[J]. 航空学报, 1991, 12(12): 651-654.

Wang Min;Lau W.S.. INVESTIGATION ON MECHANISM FOR ELECTRICAL DISCHARGE MACHINING OF CARBON FIBRE COMPOSITE MATERIAL[J]. Acta Aeronautica et Astronautica Sinica, 1991, 12(12): 651-654.

Service

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ Email Alert
- ▶ RSS

作者相关文章

- ▶ 王珉
- ▶ W.S.Lau