بخشی از ترجمه مقاله

عنوان فارسی مقاله:
تغییر قدرمکشکست بتن با دما

عنوان انگلیسی مقاله:
Variation of the fracture toughness of concrete with temperature

توجه!
این فایل تنها قسمتی از ترجمه می‌باشد. برای تهیه مقاله کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
Conclusions

1. The fracture toughness of concrete is greatly influenced by temperature even after cooling. For one cycle of heating and cooling the decrease in the residual fracture toughness becomes more significant for temperatures greater than 50°C.

2. The closed-form solution used for computing the fracture toughness for concrete gives different values for different ratios of \((a:b)\). This is mainly due to the fact that the closing pressure due to the aggregate interlock at the crack tip zone is not taken into consideration in the used closed-form solution. This important point is currently under investigation by the authors.