

ABSTRACT
SPELEO BRAZIL 2001

Brasília DF, 15-22 de julho de 2001

13th International Congress of Speleology
4th Speleological Congress of Latin América and Caribbean
26th Brazilian Congress of Speleology

**The Minor Structure Analysis of the Akka Limestone, Iwate
Prefecture, Northeast Japan**

Naruhiko KASHIMA 1 & Hidesato KUWAHARA 2

1 - Junior College, Matsuyama Shinonome Gakuen; 3-2-1 Kuwabara, Matsuyama, Ehime, 790-8531
Japan.

2 - Shikoku Branch, Japan Foundation Engineering Co.Ltd; 381-1 Higashihabu, Matsuyama, Ehime,
790-8034 Japan.

In this paper we have used the statistical analysis as a tool for identifying the geological parameters controlling cavern-passageways orientation of Jurassic Akka Limestone, in Northern Kitakami massif, Northeast Japan.

The geological parameters, such as bedding plane, joint, fault and fold axis, were measured in the field, and plotted on equal-area, lower hemisphere stereographic diagrams.

The results of this study were based on the analysis a total of over 7200 data indicate that the geologic parameters will involved in the creation and the development of the caves in the Akka Limestone.