ABSTRACT

This research was about science because the object was to find the age of the tree without cutting it. To make this work, at first a tree must be taken in examination, this selected tree must be near your house for practicality; the tree I selected was a chestnut (Castanea sativa). At second to calculate the age, the circumference measure of the log has to be measured. To do this I used a folding metre and a goniometer: the folding metre was used to measure the diameter of the circumference and the goniometer was used to put the metre in a 90 grades position to measure two diameters and then I calculated the value average with them. At third with the average diameter I calculated the length of the circumference multiplying the average diameter and the Greek P. At fourth I divided the length for the medium tree growth factor (2,5 centimetres/year) and then the age has been found. This type of result is an approximate result because the exactly age of a tree can be found only with the tree cutting.