ABSTRACT
This article illustrates how you can assign a metabolic exercise to a tennis player, after having performed the "Sigma Test" and having acquired the subjective parameters.

INTRODUCTION
As can be seen from all the studies performed on the tennis performance model, the tennis player must have a good degree of organic and local muscular resistance, bearing in mind not to exacerbate the methods and training times as if we were facing a marathon runner.

In fact, much of the tennis player’s stamina derives from his strong ability to mentally resist effort. From this point of view, working with the "SensoBuzz" app becomes decisive, as the aspect of central fatigue, therefore nervous, is very stressed (Buzzelli, 2007) (Smith, 2016).

In the "Coordinabolic Method" (Buzzelli, 2008), we start from the evaluation of the organic abilities under attentive aegis, through the "Sigma Test" (Buzzelli, 2008), which will indicate the parameters on which the subsequent specific training will be based.

In fact, when the "Sigma Test" is completed, we will have three fundamental parameters that will help us manage the individualized dosage: the meters traveled by moving back and forth from the base to the target, with technical running (considering that the base-target distance is set at 5.50m), the emission time of the signals that the student has performed in the last phase of the test (TC or Critical Time) and the number of signals performed (Cycles).

Based on these three parameters, the best choice can be made in relation to what you want the athlete to achieve, in terms of "Capacity" and "Power" of the individual energy systems (Weinieck, 2009).

To better understand these concepts, we use a synoptic framework, summarized in the following table.

Tables 1 and 2: General indications for dosing the load according to the metabolic goals and critical time (Tc) obtained by the athlete in the Sigma Test, and the relative recommended spaces between the base and the target.
The recommended training load will be that indicated in the following table.

**Table 3**  
Example of load dosage according to the metabolic quality to be stimulated.

| Trained Metabolic Quality | Sets, Series and Repetitions | Break between series and between sets |
|---------------------------|------------------------------|--------------------------------------|
| Quickness                | 5 x 10 x 8-10               | 15” – 1'30”                           |
| Alactacid Anaerobic Capacity | 3 x 12 x 10-12             | 30” – 2’30”                           |
| Alactacid Anaerobic Power    | 2 x 10 x 7-9               | 45” – 3’                               |
| Lactacid Anaerobic Capacity | 2 x 18 x 15                | 1'30” – 5’                            |
| Lactacid Anaerobic Power     | 12 x 12                     | 2’00”                                 |
| Aerobic Capacity           | 6 x (Cicli / 2)            | 2’30” Active Pause                    |
| Aerobic Power              | 2 x 8 x (Cicli / 4)        | 1’30” Passive Pause – 3’ Active Pause |

**TOOLS AND METHODS**

To carry out this exercise, starting from 2007 (S. Buzzelli, 2007), a special tool called initially “SensoTouch” and then definitively “SensoBuzz”, was used but currently it is possible to use a smartphone application, also called “SensoBuzz” (S. Buzzelli, 2019), which emits visual and acoustic signals in a random mode with a pre-established time scan. The exercise is performed in a space as illustrated in Figure 1.

**EXECUTIVE PROTOCOL**

The following figure illustrates the recommended arrangement of the targets for the execution of the metabolic work described above.

You can use three visual and two sound signals or even more than 5 signals or other types of signal or variants to increase the degree of difficulty.

Issue times, travel distances, purposes and workloads are described in the previous tables (Tab. 1, 2, 3).

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