

and the rule duration as height; then the emperor is schematically represented by the vertex, and the dynastic stream can be visually represented on the plane by a broken line joining all the emperors of the jet one by one.

The jet of the Third Empire, parallel to the Second Empire, does not exhaust the whole of the former (we will study this "remaining part" in the following); however, it is the "most representative" in the following sense:

(1) the trajectory of this jet on the plane (see above) has no self-intersections, which means that the chronological sequence of the emperors in the Second Empire jet mostly coincides with that of the corresponding jet in the Third Empire. Furthermore, the chronological sequences of the rules in the Second and Third Empires jets coincide in 93% of the cases. The only two disruptions occur for two emperors who ruled no longer than two years. But for our excessive scrupulousness and inclusion of these short-term rulers, the monotonicity of the trajectory (jet) would be immediately restored. It is important that, in spite of the disruption, the jet trajectory has no self-intersections.

(2) The Third Empire jet parallel, or isomorphic, to the Second Empire, is the basic one in the dynastic stream of the Third Empire. Therefore, the emperors who were not included are co-rulers at least with one of those in the jet. In other words, the jet from the Third Empire, discovered by us, passes through the greatest rulers (with respect to the rules).

(3) It is important that the intervals of the emperors' rules for the Third Empire jet completely cover the whole time interval detailed for the Third Empire, which means that, after enumerating all the rulers, the chronicler would embrace the whole history of the Third Empire without omissions, and would represent each year in his description (see Fig. 87), where the rulers are denoted by the vertices of the corresponding triangles which are not represented, and where the thick broken line denotes the Third Empire jet, whereas the dotted lines join the points which are different versions of the same ruler (in accordance with the choice of the beginning of his rule). Furthermore, the Third Empire jet we discovered possesses the optimum property, viz., that any other jet whose trajectory is placed under the one indicated should contain more points. In other words, following this jet, the chronicle would embrace the entire Third Empire, confining itself to the minimal number of rulers.

In the following, certain of the Third Empire rulers not in the indicated jet will be "sent" to other parallels.

It can be seen in Fig. 87 that the dotted line segments are similarly inclined, which is related to the different versions of the rule duration arising if the starting point varies.

We could now end our brief description of the first jet pair, where the jets are close in the sense of the smallness of $\lambda(M, H)$; however, along with numerical coincidence, there is a striking parallel in the biographies of the Second and Third Empire rulers, overlapping in accordance with the above identification. The "biographical identification" is a new fact completing the formal identification of these jets. We do not assert that one of the empires is the "original" one, whereas the other one is a "copy"; for the present, we do not ask the question "what actually happened"; our goal is merely to note and systematize the available identifications of numerical data, and, as it turns out, also of the related legends. The organization of this entire set