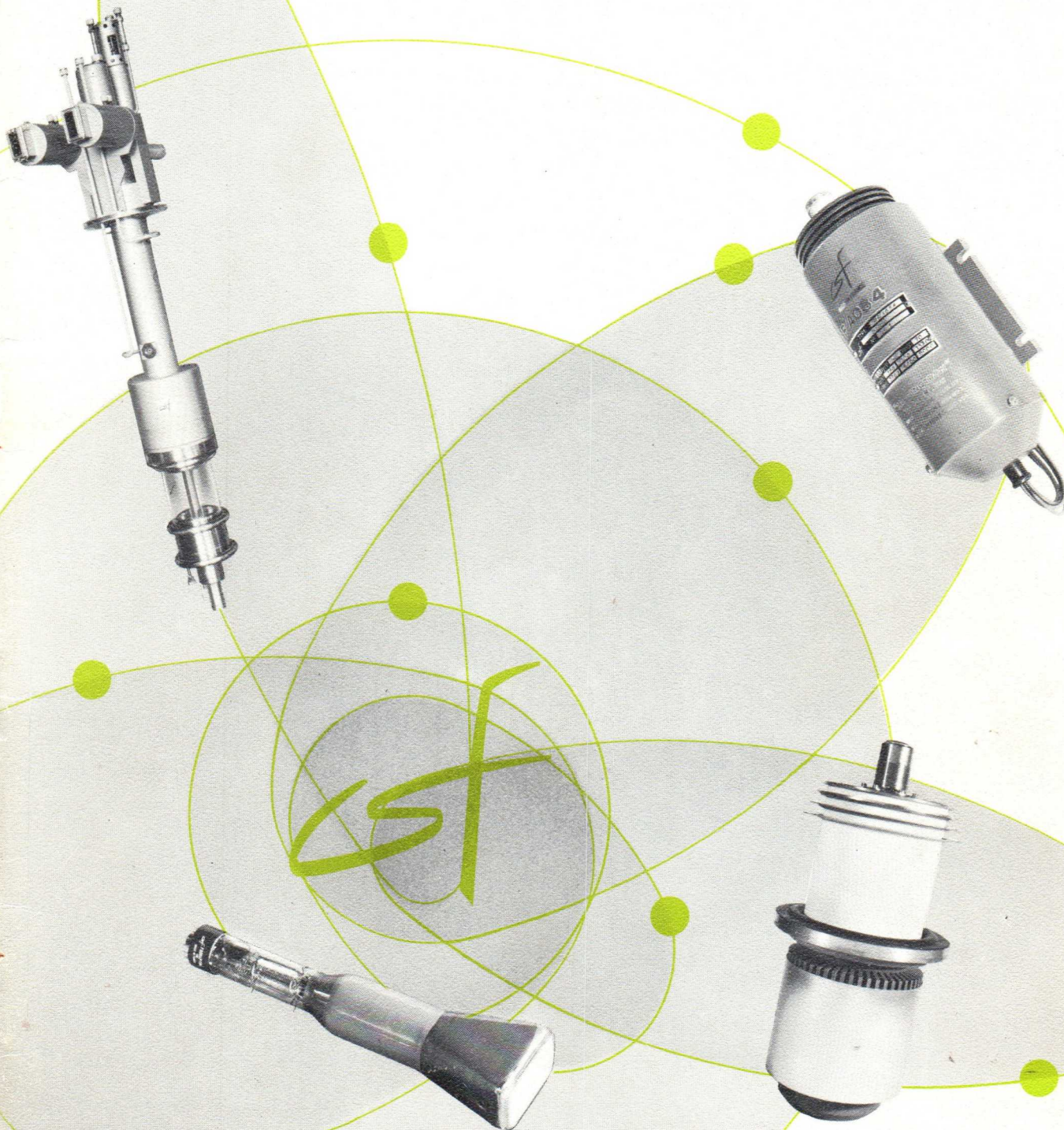


Bary Wade


Electronic tubes



CSF COMPAGNIE GÉNÉRALE DE TÉLÉGRAPHIE SANS FIL

GTE GROUPEMENT TUBES ÉLECTRONIQUES

55 RUE GREFFULHE - 92 - LEVALLOIS-PERRET - TÉLÉPHONE : 737.34.00



The "Groupement Tubes Electroniques" is the CSF (Compagnie Générale de Télégraphie Sans Fil) Division in charge of the study, development and production of Electronic Tubes. Its range of activities extends from the classical entertainment tubes to the more sophisticated ones such as gridded crossed field amplifier or storage viewing tubes.

The following applications have been found to its productions :

- airborne and ground radar : magnetrons, klystrons, O and M type travelling wave tubes, TR, ATR, thyratrons, diodes, cathode ray tubes, storage tubes.
- radio links : TWT, klystrons, solid state RF sources.
- electronic countermeasure systems : carcinotrons, noise generators, wide band amplifiers.
- (radio and TV) telecommunication transmitters, triodes, tetrodes, klystrons, TWT.
- measurement bench : carcinotrons, TWT, CRT.
- display devices : IR image converter, brightness amplifier, numerical readout, pick up tubes, storage viewing tubes, storage tubes.
- industrial heating process : triode.
- RF heating : magnetron.
- equipments : modulator hard tubes, for radar and linear accelerators.
- lasers : flash tube and detection cells.

Starting from an extensive background in vacuum and microwave techniques, the GTE has developed equipments for industries and laboratories such as : mass spectrometers, ultra high vacuum equipments, gas lasers, RF components, TWT packaged amplifier including power supply, TWT power supply...

These productions are listed in a second abridged catalogue.