

Historic and new radio literature and tools

(in german and english language)

Status: 09.Jan.2020

Allgemein

Vintage info from the days of vacuum tubes

<http://www.tubebooks.org/>

Links to Old Radio Frequency Books - Archive Collection

https://www.qsl.net/va3iul/Files/Old_Radio_Frequency_Books.htm

A. Richter, 1948

Mein Super - Der Selbstbau eines hochwertigen Superhets mit einfachen Mitteln

https://archive.org/download/arichtermeinsuper/A_Richter_Mein_Super.pdf

Batterieröhren, Miniaturröhren, Subminiaturröhren

25 mA Batterie-Röhren und ihre Schaltungen

Valvo, Nov. 1955

https://frank.pocnet.net/other/Valvo/Valvo_25mABatterieRoehren_1955-11.pdf

Miniature Tubes

Michael Watterson, EI9FEB

<http://www.radicalvalves.com/history/all-dry/miniature-tubes/>

1T4 profile

<http://www.r-type.org/exhib/aaa0044.htm>

1T4 Data sheet General Electric

<http://www.r-type.org/pdfs/1t4.pdf>

1T4 Data sheet Mazda Belvu

<https://frank.pocnet.net/sheets/020/1/1T4.pdf>

1T4 Explosion graphics

<http://www.r-type.org/addtext/add067.htm>

DF91 Data sheet Mullard

<http://www.r-type.org/pdfs/df91.pdf>

DK91 profil

<http://www.r-type.org/exhib/aad0025.htm>

DK91 Data sheet Mullard

<http://www.r-type.org/pdfs/dk91.pdf>

1R5 Profil

<http://www.r-type.org/exhib/aaa0123.htm>

1R5 Data sheet Brimar

<http://www.r-type.org/pdfs/1r5-1.pdf>

DK91 Data sheet Mullard

<https://frank.pocnet.net/sheets/129/d/DK91.pdf>

DL96 Profil

<http://www.r-type.org/exhib/aad0029.htm>

DL96 Data sheet Philips

<http://www.r-type.org/pdfs/dl96-1.pdf>

3C4 Data sheet Philips

<https://frank.pocnet.net/sheets/201/3/3C4.pdf>

Zwischenfrequenz, Spiegelfrequenz

Hans M. Knoll; Dietmar Rudolph

Zwischenfrequenz, ihre Auswahl und Besonderheiten

https://www.radiomuseum.org/forum/zwischenfrequenz_ihre_auswahl_und_besonderheiten.html

Dietmar Rudolph; Jochen Bauer

Spiegelfrequenz-Unterdrückung

https://www.radiomuseum.org/forum/spiegelfrequenz_unterdrueckung.html

Spulen, Schwingkreise, LC-Filter, Bandfilter

Hans Sutaner

Das Spulenbuch

RPB80

LC Filters Design Tool

<https://rf-tools.com/lc-filter/>

Wir bauen unsere Spulen selbst

Franz Kalveram, 1947

<https://archive.org/details/franzkalveramwirbauenunserespulenselbst>

Norbert Frommknecht, DK6NF

Schwingkreisberechnung mit Bandspreizung

<http://dk6nf.darc.de/index.php?id=schwingkreisberechnung-mit-bandspreizung>

Die Superhet-Spulensätze, Koster, Spudich, 1950

https://archive.org/download/die_superhet_supensaetze/die_superhet_supensaetze.pdf

Ernst Schlemm

MWmax - Ein 9/8 Kreis Bandfilter-Vorstufensuper mit Ferritantenne

http://www.jogis-roehrenbude.de/Leserbriefe/Ernst_Schlemm-MW-Max/MW-Max.htm

Schwingkreise

Wolfgang Wippermann

<https://www.dg0sa.de/inhaltkreise.htm>

LC-Filter

Wolfgang Wippermann

<https://www.dg0sa.de/inhaltfilter.htm>

DIY IF Cans for Valves, SM0VPO

http://sm0vpo.altervista.org/blocks/if-txfmr_tube_00.htm

IF Amplifiers and Band Pass Filters

http://www.angelfire.com/electronic/funwithtubes/Com_Rcvr-I.html

Make Your Own IF Transformers.

http://www.angelfire.com/electronic/funwithtubes/IF_Can-1.html

IF Band Pass Filters, G300U

<https://www.gsl.net/g300u/if1bandpassfilters.html>

IF-Filters in Early French Superheterodyne Radio Receivers

https://www.radiomuseum.org/forum/if_filters_in_early_french_superheterodyne_radio_receivers_1.html

Ingo Meyer, DK3RED

Berechnung der Bandspreizung mit Drehkondensatoren

https://www.grp4fun.de/de/s5_05.htm

Quarzfilter

Receiver Selectivity and Crystal Filter, G8GUH

<http://eddytoneusergroup.org.uk/Restoration%20projects/Tech%20Short%205%20-%20Receiver%20Selectivity%20and%20Crystal%20Filters.pdf>

Kautter, W.

Breite Quarzregelfilter

Telefunken-Zeitung 77, 1937

<https://www.cdvandt.org/Kauter-Telefunken-Zeitung-77.pdf>

Dr. Wolfgang Kautter

Kristallfilter veränderlicher Bandbreite

Patentschrift 1939

<https://www.cdvandt.org/DE675313.pdf>

Variable Bandwidth Crystal Filters

Radiotronics, 133, 1948 pp78-87

https://frank.pocnet.net/other/AWV_Radiotronics/Radiotronics_1948/1948_09_AWV_Radiotronics_133.pdf

Kauter Crystal Filters

Luca Fusari Web Site

<http://lucafusari.altervista.org/page1/page2/Kautter/Filter.html>

HF Mischer

Practical Design of Mixer Converter Circuits

<http://www.rfcafe.com/references/qst/practical-design-of-mixer-converter-circuits-feb-1941-qst.htm>

Mixer Spur Online Search

https://leleivre.com/rf_mixerspur.html

Radiotron Type 1R5 Converter Operation

Radiotronics, 119, 1946, pp55-56, p60

https://frank.pocnet.net/other/AWV_Radiotronics/Radiotronics_1946/1946_05_AWV_Radiotronics_119.pdf

VFO, Oszillator

Vacuum-Tube Oscillators

Robert I. Sarbacher, William A. Edson, 1953

https://archive.org/download/Vacuum_Tube_Oscilators_1953/Vacuum%20Tube%20Oscilators%20%281953%29.pdf

Vacuum Tube Oscillators

Edson, 1953

http://www.rsp-italy.it/Electronics/Books/_contents/tube%20theory/Vacuum%20Tube%20Oscillators%20-%20Edson%20-%201953.pdf

A High-Precision Permeability-Tuned VFO

Walter Horn, I1MK, QST July 1964

<http://jlandrigan.com/files/PTO%20VFO/PDF%20PTO%20VFO%20Horn%20QST%20July%201964.pdf>

VFO FRANKLIN

<https://f6fkn.com/franklin-vfo.html>

Battery tube mixer VFO

Hans Summers, GOUPL

<http://www.hanssummers.com/tubevfo/batteryvfo>

Dietmar Rudolph

Der Abgleich des Oszillators beim AM Super

https://www.radiomuseum.org/forum/der_ableich_des_oszillators_beim_am_super.html

AM Demodulation

Hüllkurvendemodulation

Lerntutorial für Nachrichtentechnik im world wide web

<https://www.intwww.de/Modulationsverfahren/H%C3%BCllkurvendemodulation>

High sensitivity AM detector

<http://www.valveradio.net/radio/high-sensitivity-am-detector.html>

Low distortion AM detector

<http://www.valveradio.net/radio/low-distortion-am-detector.html>

Envelope Demodulators For AM

James L. Tonne, W4ENE

<http://tonnesoftware.com/appnotes/demodulator/EnvelopeDemodulators.pdf>

AM detector more sensitive than simple diode

Lyle Williams

<https://www.edn.com/design/analog/4442773/AM-detector-more-sensitive-than-simple-diode>

Neutralisierung

Neutralization in Circuits Employing a Valve as a Combined Intermediate Frequency Voltage Amplifier and Diode Detector

Radiotronics, 118, 1946, pp33-35

https://frank.pocnet.net/other/AWV_Radiotronics/Radiotronics_1946/1946_03_AWV_Radiotronics_118.pdf