



*75 Years Chemistry:
Re-Reading
Part I*

by Randolph Riemschneider
Bibliotheque: World Wide

75 Years Chemistry: Re-Reading

Copyright ©2011 Bibliotheque: World Wide and Randolph Riemschneider, All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, mechanical, electronic, photocopying, recording or otherwise without the specific and prior written permission of the publisher.

Specifically, *75 Years Chemistry: Re-Reading*, may not be copied, in whole or in part, without the specific written permission of the Publisher or Author. This publication is further protected by the Universal Copyright Convention (effective September 16, 1955), and therefore all restrictions specified above apply both within and outside the United States of America. For information, contact: Bibliotheque: World Wide, 15333 Culver Drive, Suite 340, PMB 131, Irvine, California 92604, USA. Email: information@bibliothequeworldwide.com. Fax: (949)786-8918.

The publishers do not assume and hereby disclaim any liability to any party for any loss or damage caused by errors or omissions in *75 Years Chemistry: Re-Reading* whether such errors or omissions result from negligence, accident or any other cause.

International Standard Book Number 978-1-882292-28-8

Printed and Bound in China

75 Years Chemistry: Re-Reading

RANDOLPH RIEMSCHEIDER
75 Jahre Chemie - Nachlese

***75 YEARS CHEMISTRY
RE-READING***

Part I

Dedicated by the author with gratitude

*to the Brazilian Federal University Santa
Maria in Santa Maria, Rio Grande do Sul
headed by the Reitor of many years,
Professor Dr. Jose Mariano da Rocha Filho,
to the Japanese Kyoto University and to
Professor Dr Sankei Takei,
head of the Institute of Agricultural Chemistry*

for making it possible and helping the author

*to get over the consequences of 1969,
to continue experimental research for many
years after his official retirement in 1987 and
to promote the utilisation of the author's
research results in Asia and Brazil.*

*Randolph Riemschneider,
Berlin 2010*

TABLE of CONTENTS of Part I

<i>i</i>	Introduction
<i>ii</i>	VITA (English translation)
<i>ii</i>	VITA (German original text)
<i>iii</i>	Bonded to People
<i>iv</i>	Bonded to Compounds - Providence

PROJECT I

Acyl derivatives of cyclic compounds - polyacyl chemistry
permanganate oxydations - *o*-diacetylbenzene (*o*-Di) and analogues
colour reactions of *o*-Di and ninhydrine
polynitril chemistry
N-rich high energy, compounds

PROJECT II

Petrochemical subjects:
Cyclizing alkynes and alkenes to aromatics
Synthesizing lubricating oil-like compounds
Investigating "constitution and physical properties (v,d,n) of organic compounds", primarily with respect to their lubricating oil characteristics
Formulas for rating viscosity-temperature dependence up to and including "method of maximum curvature C_{\max} "
Si lanes as fuels and energy sources
From methane to methanol
Extract carbon - arc carbon
Antiknocks
CO₂-chemistry
Warning

<i>v</i>	Epilogue to theProjects
----------	--------------------------------