

ism) analysis.

**degree\*** [名](UC) 程度, 度合い, 度, (C) 学位

1. the + [形] + degree of ~ (40%)

*The highest degree of proton exchange was found in unsubstituted benzene owing to the absence of any steric effects.*

2. a(an) + [形] + degree of ~ (35%)

Although quantum mechanics of the early twentieth century and modern instrumentation and computational methods have provided us with *an impressive degree of sophistication* for such questions, the wisdom of those chemists still provides much of the foundation for current structural theory.

3. to + a(an) + [形] + degree (10%)

No unreacted starting material or other water-insoluble products were observed, an indication that degradation of the ring system must have occurred *to a substantial degree*.

4. to the same degree (3%)

They cause the plane of polarized light to rotate *to the same degree* but in opposite directions; one is dextrorotatory, and the other is levorotatory.

**dehydrate** [他・自動] 脱水する

1. 現在形, 不定詞 (25%, 全語形中)

The equilibrium between carbonyl compounds and water is not a significant synthetic reaction because the *gem*-diols are generally unstable and readily *dehydrate*.

2. dehydrating (20%, 全語形中)

Concentrated sulfuric acid is both a *dehydrating* agent and a strong acid and will cause very severe burns.

3. be ~d(受動形) (85%, ~d中)

Tertiary alcohols *are usually so easily dehydrated* that extremely mild

conditions can be used.

**dehydration\*** [名](U) 脱水<sup>④</sup>

1. dehydration of ~ (35%)

Diethyl ether and other simple symmetrical ethers are prepared industrially by the sulfuric acid-catalyzed *dehydration of alcohols*.

2. dehydration to sth (4%)

*Dehydration to an ether* usually takes place at a lower temperature than *dehydration to alkene*, and *dehydration to the ether* can be aided by distilling the ether as it is formed.

3. dehydration to do (3%)

This substance is isomerized to 2-phosphoglyceric acid (2-PGA), which undergoes *dehydration to give* phosphoenolpyruvic acid (PEP).

**dehydrogenation\*** [名](U) 脱水素<sup>④</sup>

The coenzyme nicotinamide adenine dinucleotide (NAD), for example, is associated with a number of *dehydrogenation* enzymes.

**dehydrohalogenation\*** [名](U) 脱ハロゲン化水素<sup>④</sup>

*Dehydrohalogenation* usually occurs by reaction of an alkyl halide with strong base such as KOH.

**delay** [他動] 遅らせる

~ed(形容詞的) (70%, ~ed中)

Gonadal dysgenesis (Turner's syndrome) is a relatively frequent genetic disorder in which individuals have an XO karyotype, female internal and external genitalia, several developmental abnormalities, and *delayed* puberty.

[名](UC) 遅延

(delay; 名詞:動詞=15:6)

Because the half-life of fluorine-18 is so short, it is advantageous to perform the fluoride ion incorporation reaction and the alkylation step with minimum *delay*.