

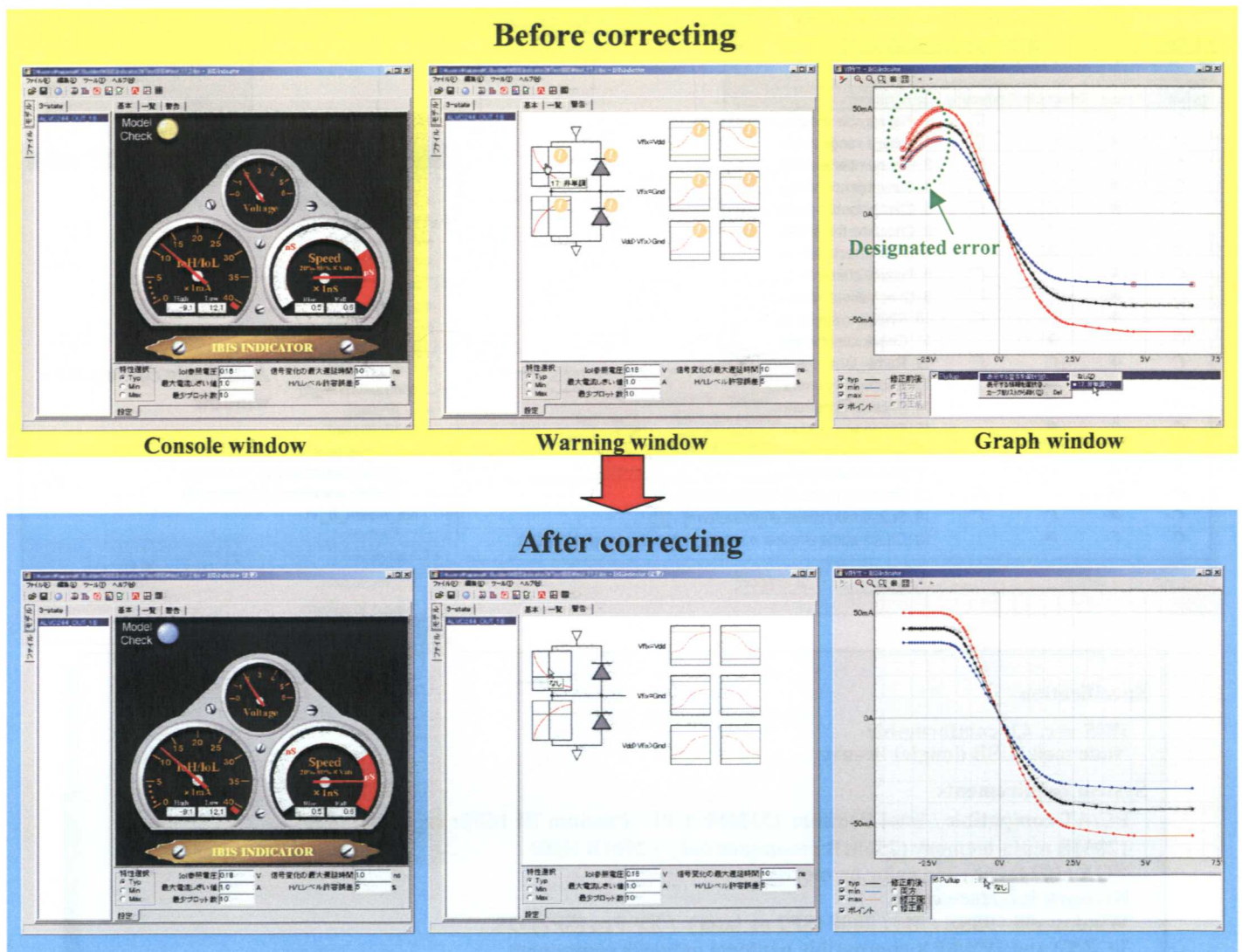
IBSIndicator™

IBSIndicator is a visual checking tool for *IBIS model.

Main features are:

- Visualization: Shows IBIS data on GUI.
- Inspection: Designates errors on GUI.
- Automatic correction: Corrects errors automatically.
- IBIS Export: Saves corrected data to new file.
- Simulation: Simulates under load conditions that is described in IBIS file.

* IBIS : I/O Buffer Information Specification



EDAconnect

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Check items

- Plot number insufficient check on I-V table
 - Voltage range check on a clamp I-V table
 - Plot number exceeding check on I-V table and V-t table
 - Convergence analysis for I-V table
 - Clamp double-counting in the I-V table
 - Check on the first/last point of the V-t table
 - Order check (Min<Typ<Max or Max<Typ<Min)
 - Polarity check on a I-V table
 - Check about whether a I-V table satisfies the IBIS specification
 - Finding irregular point of I-V table
- Etc.

Check item configuration window

Ignore	Notice	Warning	Correcting	Description
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	1. Plot number insuffic
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	2. Voltage range check
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	3. Plot number exceed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	4. Convergence analys
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	5. Clamp double-count
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	6. Check on the first/la
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	7. Order check (Min<T
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	8. Polarity check on a I
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	9. Check about whethe
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	10. Finding irregular pc
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	11. Check about whett
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	12. Ramp_time check
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	13. Exceeding current
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	14. Exceeding current
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	15. Exceeding voltage
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	16. No crossing check
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	17. Nonmonotonic che
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	18. Start timing check of [Waveform] - [1]
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	19. Start timing check of [Waveform] - [2]
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	20. Check about whether a model_type has enough I-V tables

Revert to default OK Cancel

Simulation window

Graph for T-V Waveform
Horizontal : Time 2.5ns /Grid
Vertical : Voltage 200mV /Grid
DriverModel :
Pulse pattern : 1010

Automatic correction window

- clamp_currant_invalid_13
- [Power clamp]
- clamp_domain_2
- [Power clamp]
- [GND clamp]
- long_3
- [Pullup]
- [Pulldown]
- noisy_10
- [Pulldown]
- nonmonotonic_17
- [Pullup]
- [Pulldown]
- not_convergent_4
- [Rising waveform] (V_fixture=0)
- [Falling waveform] (V_fixture=0)
- not_meets_0_11
- [Pulldown]

Check all Uncheck all Start Cancel

Revert to default

Specification

IBIS ver. 4.0 comformable
Node lock (USB dongle) license

System requirements

PC/AT compatible / Intel Pentium 133MHz CPU (Pentium III 1GHz recommended)
128MB main memory (256MB recommended) / 20MB HDD
XGA (1024x768) 256 color or more
Network interface card
Windows98 / 98SE / Me / 2000 (SP2 or later) / XP Pro (SP2) OS
TCP/IP and IPX/SPX compatible protocol network component

Note: Windows and Windows98 / 98SE / Me / 2000 / XP Pro are trade marks of Microsoft Corporation.
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